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CALIFORNIA DESERT AIR WORKING GROUP

DATA BASE STUDY

VOLUME 4 OF 7

DATA COMPILATION AND STATISTICAL ANALYSES

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CALIFORNIA DESERT AIR WORKING GROUP (CDAWG) DATA BASE STUDY:
DATA COMPILATION AND STATISTICAL ANALYSES

The final tasks in this program are the compilation of the data base in the standard format, the review of the data, and the completion of preliminary statistical analyses. These correspond to tasks 6 and 7 of the contract. The data review is mainly intended as a cursory check to identify and fix, if possible, anomalous data; detailed data quality control and correction are beyond the scope of this program. Similarly, statistical analyses were not exhaustive; they only provide a summary sample of what is contained in the data base.

1.0 Data Compilation and Review

The amount of data procured far exceeded our initial estimates; air quality, emission inventory, meteorological, visibility, upper air, and micrometeorological data were obtained. To ensure the most compact and efficient data base, from the user point of view, the available data were divided into two data bases. In the first, all data from air quality and visibility reporting sites were included. All other data (primarily meteorological data) were included in the second.

Data in the first data base were included in three types of data files: hourly and daily data files in the standard formats described in task 4, and special files for data that were not amenable to transcription into the standard format. The latter were mainly visibility data reported thrice daily using real targets and a teleradiometer; this did not fit either hourly or 24 hourly data. Special data files were included in the format received from the respective data source. The format descriptions are included with the data documentation. Some air quality or visibility reporting sites also report meteorological data; these are also included in the standard format files. A summary of available air quality and visibility data and the periods which they are available is given in Appendix A; a comprehensive listing is

available in the catalogue.

In the second data base, data were included in the format received from the respective data source. The data file formats are included with the data documentation.

Since the main interest of the program is in air quality and visibility, review and analyses were restricted to the first data base. Budget limitations precluded the use of the second data base in the data analyses. Consequently, the only meteorological data that were analyzed were those that were included in the first data base. An idea of the extent of the variability in the data can be obtained by the standard deviations given for each variable at selected sites in Appendix B. Although a comprehensive quality check on the data was not completed, all errors and discrepancies that came to light during our data compilation and transformation were corrected. One source of error that was noticed frequently, and one that may still pervade portions of the non CARB data, was the inconsistency between the reported unit codes and the data. For example, ambient pressures of 29 mb have been reported.

2.0 Statistical Analyses

Although exhaustive analyses are not planned, the following statistical analyses were completed:

1. Calculation of monthly, seasonal, and annual means and standard deviations for O_3 , SO_2 , oxides of nitrogen, CO, and TSP at the following sites:

DRI Mountain;

Imperial;

Indio;

Barstow;

Victorville;

Trona;

Lancaster; and

Bishop (TSP only).

2. Calculation of monthly, seasonal, and annual mean and standard deviation of visual range, contrast or B- scat at all visibility monitoring sites.
3. Normal and log normal frequency distribution plots of the parameters and sites listed in 1 and 2 above.
4. Isopleth maps of the entire desert for O_3 , SO_2 , oxides of nitrogen, CO, TSP, and visibility using annual averages in 1977 and 1981. Because of the small number of reporting stations, only the values are reported and the conventional isopleth lines are not plotted.
5. Monthly time series plots of the parameters and sites listed in part 1 above between 1977 and 1981; wind directions will also be plotted where available. This time interval was selected because it gives an indication of the variation in the data between the two isopleth years.
6. Monthly time series plots of visibility data at all visibility monitoring sites; again for the period 1977-81.

7. Visibility roses:

Visibility vs. wind direction

Visibility vs. relative humidity;

The results of the statistical analyses are given in Appendices C through G. A discussion of the results can be found in the Final Report (Volume 7).

Appendix A
Abbreviated Catalogue

List of sites, parameters, and periods of available data.

HOURLY DATA

<u>Site</u>	<u>Pollutant</u>	<u>Units</u>	<u>Method Code</u>	<u>Start Date</u>	<u>End Date</u>	<u>% Data Recovery</u>
9903003 SDGE - Parker 33'	WS	mph	50	06/01/76	05/31/77	99.2
	WD	deg (comp)	50	06/01/76	05/31/77	99.1
	TEMP	deg F	40	06/01/76	05/31/77	99.1
	DEW	deg F	40	06/01/76	05/31/77	97.0
	RH	percent	20	06/01/76	05/31/77	96.9
9903005 SDGE - Parker 190'	WS	m/h	50	06/01/76	05/31/77	99.2
	WD	deg (comp)	50	06/01/76	05/31/77	99.1
1300684 El Centro - APCD	COH	COHS/1K ft	81	01/02/74	03/24/76	32.4
	SO2	pphm	14	01/02/74	03/31/76	75.0
	O3	pphm	14	01/01/74	03/31/76	86.3
1300685 El Centro - State St.	COH	COHS/1K ft	81	04/01/76	09/30/79	35.1
	SO2	pphm	14	04/01/76	08/31/79	81.2
	O3	pphm	14	04/05/76	10/31/83	89.7
1300686 Niland	SO2	pphm	20	01/01/77	04/30/78	85.9
	H2S	pphm	71	01/01/77	11/30/77	88.7
	NO	pphm	14	04/01/77	03/31/78	75.0
	NO2	pphm	98	04/01/77	03/31/78	75.0
	NOX	pphm	14	04/01/77	03/31/78	75.0
	O3	pphm	14	12/03/76	04/30/78	89.0
1300687 Imperial	SO2	pphm	20	01/01/77	04/30/78	88.1
	H2S	pphm	71	01/01/77	11/30/77	96.1
	NO	pphm	14	04/01/77	04/30/78	80.7
	NO2	pphm	98	04/01/77	04/30/78	80.7
	NOX	pphm	14	04/01/77	04/30/78	80.7
	O3	pphm	14	12/06/76	04/30/78	90.2
1300688 Heber	SO2	pphm	20	01/01/77	04/30/78	76.4
	H2S	pphm	71	01/01/77	11/30/77	88.2
	O3	pphm	14	12/05/76	04/30/78	79.6
1300689 Holtville	SO2	pphm	20	01/01/77	04/30/78	92.9
	H2S	pphm	71	01/01/77	11/30/77	92.6
	O3	pphm	14	01/01/77	04/30/78	69.9
1300690 Westmoreland	SO2	pphm	20	01/01/77	04/30/78	78.9
	H2S	pphm	71	01/01/77	11/30/77	88.4
	O3	pphm	14	12/05/76	10/31/80	43.9
1300691 Brawley - Hovely	SO2	pphm	20	02/01/77	04/30/78	75.7
	H2S	pphm	71	02/01/77	11/30/77	82.7
	NO	pphm	14	04/01/77	04/30/78	68.8
	NO2	pphm	98	04/01/77	04/30/78	68.7
	NOX	pphm	14	04/01/77	04/30/78	68.7
	O3	pphm	14	02/01/77	10/31/80	39.6
1300692 Calipatria	O3	pphm	14	04/01/80	10/31/80	78.9
1303001 SDGE - Heber	WS	m/s	50	06/19/76	04/18/78	83.3
	WD	deg (comp)	50	06/19/76	04/18/78	83.3
	TEMP	deg C	40	06/18/76	04/18/78	83.3
	RH	percent	11	06/19/76	04/18/78	83.3
	STAB	Unknown	00	06/19/76	04/18/78	83.1

<u>Site</u>	<u>Pollutant</u>	<u>Units</u>	<u>Method Code</u>	<u>Start Date</u>	<u>End Date</u>	<u>% Data Recovery</u>
1400691 Bishop	O3	pphm	14	07/01/79	10/30/81	60.4
1400700 Independence 1 NNE Pump #7	WS	m/h	50	11/10/81	11/19/82	88.2
	WD	deg (comp)	50	11/10/81	11/19/82	88.2
1404001 NWC - Coso	WS	m/h	50	09/01/78	09/06/79	77.6
	WD	deg (comp)	50	09/01/78	09/06/79	81.3
	TEMP	deg F	40	09/01/78	09/06/79	81.4
	RAIN	inches	11	09/01/78	09/06/79	68.3
1404002 NWC - Coso Drill	BSCT	Beta Scat	11	09/07/78	11/06/78	56.9
	CO	ppm	11	09/07/78	11/06/78	88.3
	TSUL	ppb	16	09/07/78	11/06/78	88.6
	H2S	ppb	16	09/07/78	11/06/78	74.7
	O3	ppb	99	09/07/78	11/06/78	82.0
	WS	m/h	50	09/07/78	11/06/78	79.0
	WD	deg (comp)	50	09/07/78	11/06/78	64.5
	TEMP	deg F	40	09/07/78	11/06/78	63.2
	DEW	deg F	40	09/07/78	11/06/78	80.5
1404003 NWC - Death Valley	BSCT	Beta Scat	11	10/27/80	07/31/81	98.4
1404004 NWC - Haiwee	WS	m/h	50	09/01/78	09/06/79	80.2
	WD	deg (comp)	50	09/01/78	09/06/79	80.2
	TEMP	deg F	40	09/01/78	09/06/79	78.3
	RAIN	inches	11	09/01/78	09/06/79	26.9
1404009 NWC - Rose Valley	WS	m/h	50	09/01/78	09/06/79	86.0
	WD	deg (comp)	50	09/01/78	09/06/79	85.5
	TEMP	deg F	40	09/01/78	09/06/79	86.0
	RAIN	inches	11	09/01/78	09/06/79	61.2
1413002 ARMY - Death Valley	BSCT	Beta Scat	11	07/25/80	09/20/81	96.2
	WS	m/h	50	07/25/80	09/20/81	96.2
	WD	deg (comp)	50	07/25/80	09/20/81	96.2
	TEMP	deg F	40	07/25/80	09/20/81	96.7
	INSO	lang/min	11	07/25/80	09/20/81	98.0
	VISI	miles	00	07/25/80	09/20/81	96.1
1500207 Mojave	COH	COHS/1K ft	81	02/01/76	07/31/78	42.3
1504005 NWC - IOB	WS	m/h	50	01/01/75	12/31/79	99.6
	WD	deg (comp)	50	01/01/75	12/31/79	63.9
1504006 NWC - Mojave	BSCT	Beta Scat	11	11/13/74	02/21/79	77.6
1504007 NWC - Laurel Mountain	BSCT	Beta Scat	11	06/25/81	09/30/81	90.2
1512002 EPALV - Edwards AFB	WS	m/s	50	07/01/82	07/30/83	92.3
	WD	deg (comp)	50	07/01/82	07/30/83	92.3
	SHWD	deg (comp)	20	07/01/82	07/30/83	84.8
	TEMP	deg C	40	07/01/82	07/30/83	93.9
	DEW	deg C	40	07/01/82	07/30/83	90.2
	RH	percent	20	07/01/82	07/30/83	90.2
	VISI	miles	00	07/01/82	07/30/83	86.7
2600778 Mammoth Lakes - Sierra Pkrd	CO	ppm	11	03/01/80	08/31/83	68.8

<u>Site</u>	<u>Pollutant</u>	<u>Units</u>	<u>Method Code</u>	<u>Start Date</u>	<u>End Date</u>	<u>% Data Recovery</u>
	O3	pphm	14	05/01/82	08/31/83	45.6
2600783 Mammoth Lakes - 4SE	H2S	pphm	71	01/19/82	02/28/83	90.5
3300132 Blythe	COH	COHS/1K ft	81	12/19/67	07/31/70	30.5
3300133 Banning	COH	COHS/1K ft	81	03/01/71	08/31/71	31.2
	NO	pphm	11	03/01/71	09/15/71	42.8
	NO2	pphm	11	03/01/71	11/30/71	78.5
	NOX	pphm	11	03/01/71	12/21/71	36.8
	TOX	pphm	14	03/01/71	12/31/72	86.2
	O3	pphm	14	01/01/73	04/30/73	93.5
3300136 Upper Coachella Valley	COH	COHS/1K ft	81	10/01/69	04/25/71	24.2
3300137 Palm Springs - Fire Stn	COH	COHS/1K ft	81	06/18/71	06/30/81	22.2
	CO	ppm	11	01/01/77	09/30/83	97.8
	CO	ppm	12	05/03/71	12/31/76	50.5
	SO2	pphm	14	07/01/79	10/31/80	93.5
	SO2	pphm	20	11/01/80	09/30/83	95.8
	NO	pphm	11	06/04/71	01/20/75	89.8
	NO	pphm	14	01/01/82	09/30/83	92.9
	NO	pphm	98	07/01/79	12/31/81	85.8
	NO2	pphm	11	04/22/71	01/20/75	92.2
	NO2	pphm	14	07/01/79	12/31/81	88.2
	NO2	pphm	98	01/01/82	09/30/83	92.7
	NOX	pphm	11	06/04/71	01/20/75	90.2
	NOX	pphm	14	07/01/79	09/30/83	89.1
	THC	ppm	11	06/04/71	09/30/83	48.4
	THC	pptm	14	05/01/80	12/31/82	92.8
	TOX	pphm	14	03/01/71	01/20/75	93.7
	O3	pphm	14	01/20/75	09/30/83	96.9
3300138 Thermal	COH	COHS/1K ft	81	03/01/71	07/31/71	33.2
3300139 Indio - Oasis St.	COH	COHS/1K ft	81	03/04/71	06/30/79	44.4
	CO	ppm	11	01/01/77	06/30/79	77.5
	CO	ppm	12	03/01/71	12/31/76	71.9
	TSUL	pphm	16	01/01/78	06/30/79	93.1
	SO2	pphm	14	05/01/72	11/17/72	93.8
	SO2	pphm	16	10/19/76	12/31/77	98.9
	NO	pphm	11	06/01/71	02/28/77	89.0
	NO	pphm	14	05/13/75	10/31/76	67.9
	NO	pphm	98	02/01/77	06/30/79	94.7
	NO2	pphm	11	05/01/71	02/28/77	93.2
	NO2	pphm	14	05/13/75	06/30/79	79.5
	NOX	pphm	11	03/17/71	02/28/77	88.3
	NOX	pphm	14	05/13/75	06/30/79	79.7
	THC	ppm	11	09/29/71	06/30/79	80.4
	TOX	pphm	14	03/01/71	02/06/76	94.5
	O3	pphm	14	05/01/75	09/30/83	83.6
	WS	m/h	99	01/01/81	12/31/81	97.0
	WD	deg(comp)/10	99	01/01/81	12/31/81	97.0
3300143 Palm Springs - Amado	CO	ppm	12	09/20/72	05/08/73	92.1
3300145 Indio - ARB	CO	ppm	12	10/17/72	05/08/73	86.6

<u>Site</u>	<u>Pollutant</u>	<u>Units</u>	<u>Method Code</u>	<u>Start Date</u>	<u>End Date</u>	<u>% Data Recovery</u>
3300150 Banning - Allesandro	COH	COHS/1K ft	81	02/01/74	06/30/78	35.5
	CO	ppm	11	01/01/77	02/29/80	98.0
	CO	ppm	12	09/02/75	12/31/76	91.4
	SO2	pphm	14	02/07/74	03/28/74	89.2
	THC	ppm	11	10/20/75	08/31/77	86.5
	O3	pphm	14	05/01/73	09/30/83	98.0
3300153 Palo Verde - San Diego G&E	COH	COHS/1K ft	81	09/01/77	12/31/77	44.8
	CO	ppm	11	09/01/77	12/31/77	86.1
	SO2	pphm	20	09/01/77	12/31/77	96.1
	NO	pphm	14	09/01/77	12/31/77	80.1
	NO2	pphm	98	09/01/77	12/31/77	79.1
	NOX	pphm	14	09/01/77	12/31/77	79.1
	THC	pptm	11	09/01/77	12/31/77	80.1
	O3	pphm	14	09/01/77	12/31/77	87.8
3303002 SDGE - Blythe 33'	WS	m/h	50	06/01/75	10/26/77	99.1
	WD	deg (comp)	50	06/01/75	10/26/77	99.0
	TEMP	deg F	40	06/01/75	10/26/77	98.6
	DEW	deg F	40	06/01/75	10/26/77	89.8
	RH	percent	20	06/01/75	10/26/77	89.3
3303004 SDGE - Blythe 190'	WS	m/h	50	06/01/75	10/26/77	99.1
	WD	deg (comp)	50	06/01/75	10/26/77	99.0
3600155 Barstow	COH	COHS/1K ft	81	01/01/70	08/31/80	33.7
	CO	ppm	11	01/01/77	10/31/83	80.4
	CO	ppm	12	10/01/73	12/31/76	95.8
	NO	pphm	11	10/01/73	12/31/77	84.3
	NO	pphm	14	01/01/82	10/31/83	86.0
	NO	pphm	98	05/01/80	12/31/81	87.8
	NO	pphm	99	01/01/78	03/31/80	65.2
	NO2	pphm	11	10/01/73	03/31/80	90.1
	NO2	pphm	14	05/01/80	12/31/81	92.8
	NO2	pphm	98	01/01/82	10/31/83	85.9
	NOX	pphm	11	10/01/73	03/31/80	79.6
	NOX	pphm	14	05/01/80	10/31/83	89.3
	TOX	pphm	14	04/09/69	05/12/72	46.4
	O3	pphm	11	10/01/73	09/30/80	89.6
	O3	pphm	14	05/01/76	10/31/83	36.2
3600168 Victorville	COH	COHS/1K ft	81	04/11/69	12/31/77	37.1
	CO	ppm	11	01/01/77	12/31/77	89.3
	CO	ppm	12	10/01/73	12/31/76	88.1
	NO	pphm	11	10/01/73	12/31/76	88.5
	NO	pphm	99	01/01/77	12/31/77	85.4
	NO2	pphm	11	10/01/73	12/31/77	91.0
	NOX	pphm	11	10/01/73	12/31/77	88.8
	TOX	pphm	14	05/01/68	12/31/73	76.7
	O3	pphm	11	10/01/73	12/31/77	93.2
3600169 Needles - High School	COH	COHS/1K ft	81	01/01/71	06/25/73	29.0
3600188 Trona - Market St.	COH	COHS/1K ft	81	01/01/78	02/28/78	47.0
	CO	ppm	11	07/01/79	02/28/82	77.0
	SO2	pphm	14	01/01/78	01/31/78	57.1

<u>Site</u>	<u>Pollutant</u>	<u>Units</u>	<u>Method Code</u>	<u>Start Date</u>	<u>End Date</u>	<u>% Data Recovery</u>
	SO2	pphm	20	10/01/80	10/31/83	85.5
	H2S	pphm	71	07/01/81	10/31/83	80.0
	NO	pphm	14	01/01/82	10/31/83	77.5
	NO	pphm	98	09/01/79	10/31/81	32.4
	NO2	pphm	14	09/01/79	10/31/81	33.4
	NO2	pphm	98	01/01/82	10/31/83	78.2
	NOX	pphm	14	09/01/79	10/31/83	52.3
	O3	pphm	11	01/01/78	01/31/78	88.3
	O3	pphm	14	09/01/79	10/31/83	77.8
3600190 Victorville - Fairgrounds	COH	COHS/1K ft	81	01/01/78	09/30/80	34.6
	CO	ppm	11	01/01/78	11/30/82	82.4
	NO	pphm	14	01/01/79	10/31/83	50.1
	NO	pphm	98	01/01/80	08/31/81	32.0
	NO2	pphm	14	01/01/80	08/31/81	32.1
	NO2	pphm	98	01/01/79	10/31/83	49.9
	NOX	pphm	14	01/01/79	10/31/83	61.1
	O3	pphm	11	01/01/78	12/31/80	89.3
	O3	pphm	14	10/01/80	11/30/83	87.5
6000191 Twentynine Palms - Adobe	CO	ppm	11	03/01/78	12/31/82	85.9
	O3	pphm	11	03/01/78	09/30/80	95.0
	O3	pphm	14	10/01/80	10/31/83	94.4
3600196 Cajon Pass	BSCT	Beta Scat	11	07/01/81	08/31/81	68.7
	NO	pphm	14	07/01/81	08/31/81	89.2
	NO2	pphm	98	07/01/81	08/31/81	89.2
	NOX	pphm	14	07/01/81	08/31/81	89.3
	O3	pphm	14	06/01/81	10/31/81	92.4
3601002 SCE - Cool Water	SO2	ppm	24	11/01/79	12/31/82	79.8
	NO	ppm	28	11/01/79	12/31/82	79.1
	NO2	ppm	28	11/01/79	12/31/82	78.7
	NOX	ppm	28	11/01/79	12/31/82	78.8
	O3	ppm	14	11/01/79	12/31/82	78.4
	WS	m/s	50	11/01/79	12/31/82	81.6
	WD	deg (comp)	50	11/01/79	12/31/82	81.2
	SHWD	deg (comp)	20	11/01/79	12/31/82	67.2
	SVWD	deg (comp)	20	11/01/79	06/30/81	62.1
	TEMP	deg C	40	11/01/79	12/31/82	81.3
	INSO	lang/min	00	11/01/79	12/31/82	60.4
	RAIN	mm	11	11/01/79	12/31/82	79.2
	VTWD	deg (comp)	00	11/01/79	06/30/81	61.1
	STAB	Unknown	00	01/01/82	12/31/82	90.6
3601003 SCE - Lucerne Valley	SO2	ppm	20	01/01/80	09/30/81	94.6
	NO	ppm	28	01/01/80	09/30/81	92.9
	NO2	ppm	28	01/01/80	09/30/81	92.9
	NOX	ppm	28	01/01/80	09/30/81	93.8
	O3	ppm	14	01/01/80	09/30/81	87.5
	WS	m/s	50	01/01/80	09/30/81	98.9
	WD	deg (comp)	50	01/01/80	09/30/81	99.0
	TEMP	deg C	40	01/01/80	09/30/81	97.9
	INSO	lang/min	00	01/01/80	09/30/81	55.6

<u>Site</u>	<u>Pollutant</u>	<u>Units</u>	<u>Method Code</u>	<u>Start Date</u>	<u>End Date</u>	<u>% Data Recovery</u>
	RAIN	mm	91	01/01/80	09/30/81	96.4
	SELE	deg (comp)	00	01/01/80	09/30/81	53.8
	ELEV	deg (comp)	00	01/01/80	09/30/81	82.4
	STAB	Unknown	00	01/01/80	09/30/81	97.9
3601004 SCE - Johnson Valley	WS	m/s	50	01/01/80	09/30/81	93.6
	WD	deg (comp)	50	01/01/80	09/30/81	93.6
	TEMP	deg C	40	01/01/80	09/30/81	93.8
3601005 SCE - Rodman Mountain	WS	m/s	50	01/01/80	09/30/81	82.7
	WD	deg (comp)	50	01/01/80	09/30/81	81.9
	TEMP	deg C	40	01/01/80	09/30/81	82.8
3604000 NWC - B Mountain	BSCT	Beta Scat	11	08/15/80	05/07/82	85.4
3604008 NWC - R1 (G Range)	BSCT	Beta Scat	11	08/01/75	04/03/79	78.1
	O3	ppb	99	02/01/75	04/02/79	83.7
3604010 NWC - Trona 1	H2S	ppb	16	01/01/77	04/14/78	65.1
3604011 NWC - Trona 2	H2S	ppb	16	03/23/77	07/22/77	87.7
3612001 EPALV - Iron Mountain	WS	m/s	50	06/01/81	05/30/82	83.3
	WD	deg (comp)	50	06/01/81	05/30/82	83.3
	SHWD	deg (comp)	20	06/01/81	05/30/82	83.3
	TEMP	deg C	40	06/01/81	05/30/82	84.4
	DEW	deg C	40	06/01/81	05/30/82	83.4
	RH	percent	20	06/01/81	05/30/82	83.3
	VISI	miles	00	06/01/81	05/30/82	79.3
3612003 EPALV - Fort Irwin	WS	m/s	50	07/01/81	07/30/83	80.5
	WD	deg (comp)	50	07/01/81	07/30/83	80.8
	SHWD	deg (comp)	20	07/01/81	07/30/83	76.9
	TEMP	deg C	40	07/01/81	07/30/83	88.4
	DEW	deg C	40	07/01/81	07/30/83	75.6
	RH	percent	20	07/01/81	07/30/83	75.6
	VISI	miles	00	07/01/81	07/30/83	84.1
3613001 ARMY - Fort Irwin	BSCT	Beta Scat	11	08/13/80	09/19/81	89.6
	WS	m/h	50	08/13/80	09/19/81	90.9
	WD	deg (comp)	50	08/13/80	09/19/81	90.0
	TEMP	deg F	40	08/13/80	09/19/81	40.4
	RH	percent	20	08/13/80	09/19/81	92.1
	INSO	lang/min	11	08/13/80	09/19/81	93.4
	VISI	miles	00	08/13/80	09/19/81	89.6
7000082 Lancaster	COH	COHS/1K ft	81	01/01/78	06/30/81	92.4
	RUD	RUDES/10K ft	91	01/01/78	06/30/81	93.3
	CO	ppm	11	01/01/77	09/30/83	97.1

<u>Site</u>	<u>Pollutant</u>	<u>Units</u>	<u>Method</u> <u>Code</u>	<u>Start</u> <u>Date</u>	<u>End</u> <u>Date</u>	<u>% Data</u> <u>Recovery</u>
	CO	ppm	12	07/03/70	12/27/76	97.7
	SO2	pphm	13	01/01/77	02/28/77	61.7
	SO2	pphm	15	01/01/76	12/31/76	77.7
	NO	pphm	11	12/09/70	06/30/81	92.8
	NO	pphm	14	07/01/81	09/30/83	89.1
	NO2	pphm	11	12/09/70	06/30/81	92.5
	NO2	pphm	14	07/01/81	12/31/81	91.8
	NO2	pphm	98	01/01/82	09/30/83	87.5
	NOX	pphm	11	12/09/70	12/31/77	91.8
	NOX	pphm	14	01/01/82	09/30/83	88.5
	NOX	pphm	98	07/01/81	12/31/81	91.8
	NOX	pphm	99	01/01/78	06/30/81	91.8
	THC	ppm	11	07/16/70	12/31/77	97.4
	THC	pptm	14	01/01/78	02/28/83	86.6
	NMHC	pptm	14	01/01/78	01/31/83	88.1
	CH4	pptm	14	01/01/78	02/28/83	86.0
	TOX	pphm	14	11/01/70	04/30/79	92.9
	O3	pphm	14	12/01/78	09/30/83	86.7

DAILY DATA

<u>Site</u>	<u>Pollutant</u>	<u>Units</u>	<u>Method Code</u>	<u>Start Date</u>	<u>End Date</u>	<u>% Data Recovery</u>
1300680 Naval Air Facility	TSP	ug/m3	91	09/01/72	08/31/73	32.9
1300681 Calexico - Fire Stn	TSP	ug/m3	91	08/01/71	10/31/83	81.7
	BSO	ug/m3	91	06/01/80	06/30/80	20.0
	AL	ug/m3	92	01/01/73	01/31/73	19.4
	CD	ug/m3	92	01/01/73	01/31/73	19.4
	PB	ug/m3	55	08/01/71	01/31/73	21.8
	PB	ug/m3	56	06/01/80	06/30/80	20.0
	SI	ug/m3	55	01/01/73	01/31/73	19.4
	NO3	ug/m3	55	06/01/80	06/30/80	20.0
	SO4	ug/m3	92	06/01/80	06/30/80	20.0
1300682 El Centro - Broadway	TSP	ug/m3	91	08/01/71	06/30/83	81.3
	BSO	ug/m3	91	04/01/76	06/30/83	92.9
	CD	ug/m3	92	08/01/73	03/31/76	77.6
	PB	ug/m3	55	08/01/73	03/31/76	86.9
	PB	ug/m3	56	01/01/77	06/30/83	93.8
	PB	ug/m3	92	04/01/76	12/31/76	85.1
	NO3	ug/m3	55	04/01/76	05/31/81	94.1
	NO3	ug/m3	57	05/01/81	06/30/83	86.5
	SO4	ug/m3	55	05/01/81	06/30/83	86.5
	SO4	ug/m3	92	04/01/76	05/31/81	94.1
	PM15	ug/m3	57	07/01/80	03/31/83	80.1
	PM15	ug/m3	58	04/01/83	06/30/83	98.9
	IPSO	ug/m3	92	07/01/80	08/31/82	78.8
1300683 Brawley - Fire Stn	TSP	ug/m3	91	10/01/72	03/31/82	85.1
1300693 Brawley - 401 Main St.	TSP	ug/m3	91	05/01/82	06/30/83	90.1
	BSO	ug/m3	91	11/01/82	06/30/83	14.9
	PB	ug/m3	56	11/01/82	06/30/83	14.9
	NO3	ug/m3	57	11/01/82	06/30/83	14.9
	SO4	ug/m3	55	11/01/82	06/30/83	14.9
1400691 Bishop	TSP	ug/m3	91	04/01/72	02/28/74	49.8
	AL	ug/m3	92	07/01/72	06/30/73	18.1
	CD	ug/m3	92	07/01/72	01/31/74	13.4
	PB	ug/m3	55	07/01/72	01/31/74	13.4

<u>Site</u>	<u>Pollutant</u>	<u>Units</u>	<u>Method Code</u>	<u>Start Date</u>	<u>End Date</u>	<u>% Data Recovery</u>
	SI	ug/m3	55	07/01/72	06/30/73	18.1
1400692 Lone Pine - Airport	TSP	ug/m3	91	04/01/72	11/30/72	71.3
	AL	ug/m3	92	07/01/72	08/31/72	19.4
	CD	ug/m3	92	07/01/72	08/31/72	19.4
	PB	ug/m3	55	07/01/72	08/31/72	19.4
	SI	ug/m3	55	07/01/72	08/31/72	19.4
1400693 Lone Pine - Co. Maint. Yd	TSP	ug/m3	91	11/01/72	06/30/73	52.1
1400694 Lone Pine - So. Main	TSP	ug/m3	91	11/01/78	09/30/79	88.0
1400695 Bishop - E Line St.	TSP	ug/m3	91	11/01/78	04/30/83	98.3
1400696 Coso Junction	TSP	ug/m3	91	04/01/79	05/31/81	84.8
1400697 Keeler	TSP	ug/m3	91	07/01/79	04/30/83	138.4
1400698 Lone Pine - Visitor Center	TSP	ug/m3	91	10/01/79	03/31/80	134.4
1400699 Lone Pine - 501 E. Locust	TSP	ug/m3	91	06/01/80	04/30/83	109.4
	PM15	ug/m3	57	04/01/81	01/31/83	103.7
	PM15	ug/m3	58	04/01/83	04/30/83	100.0
	IPSO	ug/m3	92	04/01/81	08/31/82	82.2
1400700 Independence 1 NNE Pump #7	TSP	ug/m3	91	08/01/81	12/31/82	134.4
1400701 Independence 8 NNW Pump #1	TSP	ug/m3	91	10/01/81	04/30/83	120.6
1400702 Bishop 5 NNE Pump #248	TSP	ug/m3	91	08/01/81	12/31/82	141.3
1400703 Independence 3 SE Pump #67	TSP	ug/m3	91	03/01/82	12/31/82	105.9
1500206 Ridgecrest	TSP	ug/m3	91	07/01/71	11/30/73	74.7
1500207 Mojave	TSP	ug/m3	91	04/01/71	09/30/83	85.7
1500209 Boron - Fire Stn	TSP	ug/m3	91	02/01/71	09/30/83	85.2
1500211 China Lake	TSP	ug/m3	91	02/01/74	09/30/83	84.2
	PB	ug/m3	92	06/01/80	08/31/83	78.3
	NO3	ug/m3	55	06/01/80	08/31/83	80.9
	SO4	ug/m3	92	06/01/80	08/31/83	80.9
	PM15	ug/m3	51	04/01/82	06/30/83	77.6
	PM15	ug/m3	52	04/01/82	06/30/83	75.0
2600771 Bridgeport	TSP	ug/m3	91	04/01/72	11/30/72	71.3
2600772 Lee Vining	TSP	ug/m3	91	07/01/72	09/30/72	123.9
	AL	ug/m3	92	08/01/72	09/30/72	39.3
	CD	ug/m3	92	08/01/72	09/30/72	39.3
	PB	ug/m3	55	08/01/72	09/30/72	39.3
	SI	ug/m3	55	08/01/72	09/30/72	39.3
2600773 Bridgeport - Co. Maint. Yd	TSP	ug/m3	91	11/01/72	10/31/74	64.1
	AL	ug/m3	92	01/01/73	07/31/73	36.8
	CD	ug/m3	92	01/01/73	01/31/74	33.3

<u>Site</u>	<u>Pollutant</u>	<u>Units</u>	<u>Method Code</u>	<u>Start Date</u>	<u>End Date</u>	<u>% Data Recovery</u>
	PB	ug/m3	55	01/01/73	01/31/74	33.3
	SI	ug/m3	55	01/01/73	07/31/73	36.8
2600774 Mammoth - June Lakes Airprt	TSP	ug/m3	91	12/01/78	05/31/79	89.0
2600775 Lee Vining - 6 NNW	TSP	ug/m3	91	05/01/79	05/31/81	84.3
2600776 Mammoth Lakes - Fire Stn	TSP	ug/m3	91	09/01/79	04/30/83	72.6
2600777 Mono Lake	TSP	ug/m3	91	08/01/79	03/31/81	35.5
2600778 Mammoth Lakes - Sierra Pkrd	TSP	ug/m3	91	11/01/81	01/31/83	74.8
2600779 Lee Vining - SMS	TSP	ug/m3	91	01/01/81	01/31/83	85.9
	PM15	ug/m3	57	04/01/81	10/31/81	78.5
	IPSO	ug/m3	92	04/01/81	09/30/81	59.0
2600780 Mammoth - High School	TSP	ug/m3	91	01/01/81	06/30/81	89.5
2600781 Mammoth Lakes Water District	TSP	ug/m3	91	12/01/80	05/31/81	75.8
2600782 Mono Lake - Simus Residence	TSP	ug/m3	91	11/01/81	01/31/83	55.1
	PM15	ug/m3	57	06/01/82	01/31/83	56.3
	IPSO	ug/m3	92	06/01/82	08/31/82	65.2
3300133 Banning	TSP	ug/m3	91	01/01/70	02/28/74	30.8
	NO3	ug/m3	55	01/01/74	06/30/74	69.6
	SO4	ug/m3	92	01/01/74	06/30/74	69.6
3300136 Upper Coachella Valley	TSP	ug/m3	91	01/01/70	12/31/70	74.0
3300137 Palm Springs - Fire Stn	TSP	ug/m3	91	01/01/71	08/31/83	76.4
	PB	ug/m3	56	07/01/78	08/31/83	88.0
	PB	ug/m3	92	01/01/76	06/30/82	23.5
	NO3	ug/m3	55	01/01/74	04/30/78	32.3
	NO3	ug/m3	57	09/01/76	08/31/83	74.9
	NO3	ug/m3	58	01/01/76	10/31/76	70.8
	NO3	ug/m3	59	07/01/76	03/31/77	76.6
	SO4	ug/m3	55	07/01/76	08/31/83	74.3
	SO4	ug/m3	92	01/01/74	05/31/78	59.9
3300138 Thermal	TSP	ug/m3	91	01/01/70	07/31/71	82.1
3300139 Indio - Oasis St.	TSP	ug/m3	91	01/01/70	12/31/82	85.7
	PB	ug/m3	55	07/01/74	12/31/75	96.2
	PB	ug/m3	56	07/01/78	12/31/82	84.6
	PB	ug/m3	92	01/01/76	06/30/82	43.2
	NO3	ug/m3	55	01/01/74	04/30/78	39.8
	NO3	ug/m3	57	09/01/76	12/31/82	71.6
	NO3	ug/m3	58	01/01/76	06/30/76	102.2
	NO3	ug/m3	59	07/01/76	12/31/76	78.3
	SO4	ug/m3	55	07/01/76	12/31/82	71.0
	SO4	ug/m3	92	01/01/74	05/31/78	61.4
3300150 Banning - Allesandro	TSP	ug/m3	91	02/01/74	08/31/83	92.9
	PB	ug/m3	56	07/01/78	08/31/83	87.4
	PB	ug/m3	92	08/01/76	06/30/82	18.1

<u>Site</u>	<u>Pollutant</u>	<u>Units</u>	<u>Method Code</u>	<u>Start Date</u>	<u>End Date</u>	<u>% Data Recovery</u>
	NO3	ug/m3	55	02/01/77	04/30/78	99.1
	NO3	ug/m3	57	09/01/76	08/31/83	74.9
	NO3	ug/m3	58	01/01/76	10/31/76	70.8
	NO3	ug/m3	59	07/01/76	01/31/77	69.8
	SO4	ug/m3	55	07/01/76	08/31/83	74.5
	SO4	ug/m3	92	01/01/76	05/31/78	89.1
3300153 Palo Verde - San Diego G&E	TSP	ug/m3	91	09/01/77	12/31/77	88.5
	PB	ug/m3	92	09/01/77	12/31/77	88.5
	NO3	ug/m3	55	09/01/77	12/31/77	83.6
	SO4	ug/m3	92	09/01/77	12/31/77	88.5
3300157 Indio - Jackson	TSP	ug/m3	91	01/01/83	08/31/83	79.0
	PB	ug/m3	56	01/01/83	08/31/83	79.0
	NO3	ug/m3	57	01/01/83	08/31/83	79.0
	SO4	ug/m3	55	01/01/83	08/31/83	79.0
3600155 Barstow	TSP	ug/m3	91	01/01/76	08/31/83	77.8
	PB	ug/m3	56	07/01/78	08/31/83	62.9
	PB	ug/m3	92	01/01/76	12/31/79	68.2
	NO3	ug/m3	55	01/01/76	04/30/78	81.1
	NO3	ug/m3	57	05/01/78	08/31/83	72.0
	SO4	ug/m3	55	05/01/78	08/31/83	72.0
	SO4	ug/m3	92	01/01/75	04/30/78	89.3
3600168 Victorville	TSP	ug/m3	91	01/01/76	12/31/77	92.7
	PB	ug/m3	92	01/01/76	12/31/77	93.6
	NO3	ug/m3	55	01/01/76	12/31/77	81.3
	SO4	ug/m3	92	01/01/75	12/31/77	92.5
3600169 Needles - High School	AL	ug/m3	92	07/01/72	11/30/72	7.8
	CD	ug/m3	92	07/01/72	11/30/72	7.8
	PB	ug/m3	92	07/01/72	11/30/72	7.8
	SI	ug/m3	55	07/01/72	11/30/72	7.8
	SO4	ug/m3	92	12/01/76	12/31/76	77.4
3600187 Needles - Bailey	TSP	ug/m3	91	05/01/77	12/31/77	41.6
	PB	ug/m3	92	05/01/77	12/31/77	46.5
	NO3	ug/m3	55	05/01/77	12/31/77	46.5
	SO4	ug/m3	92	05/01/77	12/31/77	44.1
3600188 Trona - Market St.	TSP	ug/m3	91	03/01/76	08/31/83	61.5
	PB	ug/m3	56	01/01/79	08/31/83	79.6
	PB	ug/m3	92	03/01/76	06/30/82	14.3
	NO3	ug/m3	55	03/01/76	04/30/78	40.2
	NO3	ug/m3	57	05/01/78	08/31/83	77.9
	SO4	ug/m3	55	05/01/78	08/31/83	77.9
	SO4	ug/m3	92	03/01/76	04/30/78	42.5
3600190 Victorville - Fairgrounds	TSP	ug/m3	91	01/01/78	08/31/83	96.0
	PB	ug/m3	56	07/01/78	08/31/83	86.1
	PB	ug/m3	92	01/01/78	06/30/82	21.9
	NO3	ug/m3	55	01/01/78	10/31/79	21.5
	NO3	ug/m3	57	05/01/78	08/31/83	94.5
	SO4	ug/m3	55	05/01/78	08/31/83	96.0
	SO4	ug/m3	92	01/01/78	04/30/78	95.0

<u>Site</u>	<u>Pollutant</u>	<u>Units</u>	<u>Method Code</u>	<u>Start Date</u>	<u>End Date</u>	<u>% Data Recovery</u>
3600191 Twentynine Palms - Adobe	TSP	ug/m3	91	04/01/78	08/31/83	95.2
	PB	ug/m3	56	07/01/78	08/31/83	86.4
	PB	ug/m3	92	04/01/78	06/30/82	16.2
	NO3	ug/m3	55	04/01/78	04/30/78	80.0
	NO3	ug/m3	57	05/01/78	08/31/83	95.4
	SO4	ug/m3	55	05/01/78	08/31/83	95.4
	SO4	ug/m3	92	04/01/78	04/30/78	80.0
7000082 Lancaster	TSP	ug/m3	91	01/01/75	08/31/83	95.7
	PB	ug/m3	56	07/01/78	08/31/83	82.9
	PB	ug/m3	92	01/01/75	07/31/82	52.7
	NO3	ug/m3	57	07/01/76	08/31/83	86.9
	NO3	ug/m3	59	01/01/75	06/30/76	98.7
	SO4	ug/m3	55	07/01/76	08/31/83	95.1
	SO4	ug/m3	92	01/01/75	06/30/76	98.7
7000593 Lancaster - North Cedar Ave.	TSP	ug/m3	91	02/01/82	06/30/83	36.1
	PM15	ug/m3	51	08/01/81	12/31/82	74.1
	PM15	ug/m3	52	08/01/81	06/30/83	72.1
	PM15	ug/m3	53	04/01/83	06/30/83	85.7

Appendix B
Statistical Summary

Monthly, quarterly, and annual means and standard deviations of selected parameters at selected sites.

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Imperial

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: O3		Method Code: 14		Unit: pphm			
76	12	0.90806	1.17028	0.90806	1.17028	0.90806	1.17028
77	01	1.16740	1.29303				
77	02	2.37134	1.46434				
77	03	4.63404	1.52330	2.75233	2.03958		
77	04	4.88112	1.88793				
77	05	4.91201	1.65375				
77	06	5.03064	2.18443	4.94136	1.92148		
77	07	4.37348	2.33418				
77	08	3.60420	2.20752				
77	09	2.77500	2.37557	3.59078	2.40157		
77	10	3.54582	2.41954				
77	11	2.31136	1.79688				
77	12	1.24566	1.54069	2.39450	2.17788	3.42852	2.35826
78	01	1.21053	1.46175				
78	02	2.28053	1.92002				
78	03	3.04878	1.56416	1.90144	1.80304		
78	04	4.02320	1.60328	4.02320	1.60328	2.31701	1.95594

Overall Standard Deviation: 1.85229

Parameter: SO2 Method Code: 20 Unit: pphm

77	01	0.90705	1.05894				
77	02	1.06847	1.40519				
77	03	0.02553	0.18286	0.64129	1.10450		
77	04	0.06573	0.49636				
77	05	0.01146	0.13071				
77	06	0.07799	0.44130	0.05209	0.39314		
77	07	0.09202	0.42887				
77	08	0.01199	0.16396				
77	09	0.03333	0.18721	0.04704	0.29209		
77	10	0.23275	0.52572				
77	11	0.59888	0.80838				
77	12	0.62429	1.01060	0.48195	0.82270	0.29938	0.76690
78	01	0.12713	0.38524				
78	02	0.72937	1.09968				
78	03	0.17073	0.46436	0.37809	0.82004		
78	04	0.07474	0.31677	0.07474	0.31677	0.31565	0.75474

Overall Standard Deviation: 0.68239

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Imperial

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO Method Code: 14 Unit: pphm							
77	04	0.05168	0.31773				
77	05	0.02219	0.20965				
77	06	0.05292	0.36589	0.04053	0.30250		
77	07	0.06766	0.36555				
77	08	0.06747	0.33773				
77	09	0.25695	0.71490	0.13170	0.51295		
77	10	0.55633	1.05916				
77	11	1.43644	2.61541				
77	12	1.74824	3.00561	1.24415	2.42844	0.49491	1.57926
78	01	1.19674	2.11506				
78	02	0.47636	1.26692				
78	03	0.17769	0.60207	0.77632	1.72134		
78	04	0.05556	0.23231	0.05556	0.23231	0.75975	1.70520

Overall Standard Deviation: 1.49151

Parameter: NO2 Method Code: 98 Unit: pphm							
77	04	2.76486	2.81999				
77	05	0.99861	1.78924				
77	06	2.53900	3.09415	1.97864	2.70931		
77	07	3.32882	1.91028				
77	08	4.14543	2.63976				
77	09	3.95278	3.06725	3.79633	2.59944		
77	10	4.29625	3.24657				
77	11	3.02684	2.87861				
77	12	5.31224	3.94731	4.21376	3.51142	3.39786	3.12710
78	01	4.77205	4.11382				
78	02	2.53454	3.21564				
78	03	1.95455	2.22817	3.52126	3.76081		
78	04	0.47222	0.84469	0.47222	0.84469	3.45112	3.74742

Overall Standard Deviation: 3.02805

Parameter: NOX Method Code: 14 Unit: pphm							
77	04	2.88372	2.91670				
77	05	0.97226	1.84144				
77	06	2.56268	3.19664	2.00274	2.80342		
77	07	3.38024	2.00141				
77	08	4.23388	2.65581				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Imperial

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NOX (continued) Method Code: 14 Unit: pphm							
77	09	4.17917	3.30883	3.91863	2.73151		
77	10	4.82198	3.57709				
77	11	4.41808	4.36559				
77	12	7.02250	5.92650	5.42001	4.85604	3.87126	3.88915
78	01	5.92266	5.31566				
78	02	3.03273	3.62329				
78	03	2.13223	2.54239	4.28319	4.68388		
78	04	0.44444	0.80868	0.44444	0.80868	4.19488	4.66688

Overall Standard Deviation: 3.71723

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Indio - Oasis St.

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: 03 Method Code: 14 Unit: pphm							
75	05	5.45188	2.22278				
75	06	6.27039	2.81142	5.84481	2.55460		
75	07	5.08065	2.77151				
75	08	4.89067	2.79906				
75	09	3.35744	2.54353	4.44347	2.81377		
75	10	1.83715	1.64312				
75	11	1.23719	1.64961				
75	12	0.61739	0.98685	1.24643	1.53867	3.65379	3.01736
76	01	0.52362	0.89203				
76	02	0.97988	1.44527				
76	03	2.12113	2.03113	1.21376	1.67376		
76	04	3.66899	2.17071				
76	05	4.69774	2.36128				
76	06	5.07418	2.67799	4.46955	2.48386		
76	07	5.40813	2.86825				
76	08	4.41723	2.64490				
76	09	2.99722	2.46423	4.24647	2.83216		
76	10	2.56197	2.56007				
76	11	0.90139	1.56278				
76	12	0.53226	0.98660	1.31739	2.01342	2.78541	2.76213
77	01	0.78091	1.16435				
77	02	1.23066	1.51261				
77	03	2.71429	1.71184	1.58573	1.69890		
77	04	4.70833	2.34172				
77	05	4.44818	2.14431				
77	06	6.96459	2.91879	5.35362	2.72526		
77	07	6.29032	3.26968				
77	08	5.46814	3.41811				
77	09	4.30502	2.52469	5.36585	3.20249		
77	10	2.81326	2.45784				
77	11	1.29790	1.44631				
77	12	1.12921	1.66119	1.75057	2.05428	3.51389	3.09991
78	01	0.97308	1.16176				
78	02	1.59314	1.56354				
78	03	2.32975	1.74917	1.63329	1.61092		
78	04	3.41268	1.91648				
78	05	5.49593	2.66656				
78	06	6.06713	3.14869	5.00092	2.86192		
78	07	6.65943	3.33939				
78	08	5.89622	2.99009				
78	09	3.91377	2.57117	5.50364	3.19987		
78	10	3.42993	2.72193				
78	11	2.10972	1.61544				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Indio - Oasis St.

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: 03 (continued) Method Code: 14 Unit: pphm							
78	12	1.86541	1.20564	2.46861	2.07235	3.65569	3.00265
79	01	1.33432	1.12246				
79	02	1.81138	1.48366				
79	03	2.84750	2.05655	2.02494	1.73906		
79	04	4.89430	2.32522				
79	05	5.33738	2.37147				
79	06	7.11765	3.42627	5.77553	2.90994		
79	07	6.20152	2.60528	6.20152	2.60528	4.07099	3.07397
80	10	2.32738	2.14684				
80	11	2.01530	2.04641				
80	12	1.31520	1.54846	1.79120	1.92501	1.79120	1.92501
81	01	1.51887	1.70466				
81	02	1.81967	1.77427				
81	03	3.28202	1.91163	2.21565	1.95965		
81	04	4.45972	2.12110				
81	05	5.81941	2.45768				
81	06	6.70943	2.90280	5.62825	2.66046		
81	07	5.94332	3.04773				
81	08	5.80680	3.01462				
81	09	4.66949	2.85893	5.48443	3.02876		
81	10	2.84232	1.96479				
81	11	1.63713	1.85851				
81	12	1.06989	1.54012	1.85207	1.94306	3.78302	3.01393
82	01	1.26075	1.34765				
82	02	1.86269	1.78826				
82	03	2.57143	1.58166	1.89889	1.66609		
82	04	4.75383	2.15209				
82	05	5.44655	2.23262				
82	06	6.54126	2.56007	5.57754	2.43216		
82	07	6.10350	3.05513				
82	08	5.50067	2.45272				
82	09	3.81250	2.19991	5.15315	2.77064		
82	10	3.06855	2.43724				
82	11	1.41643	1.56071				
82	12	1.29715	1.44835	1.93543	2.04063	3.64546	2.85223
83	01	1.45283	1.50834				
83	02	1.51045	1.82387				
83	03	3.30189	1.73725	2.10771	1.89886		
83	04	3.89747	1.51017				
83	05	6.40518	2.80287				
83	06	7.28452	2.61814	5.87095	2.77950		
83	07	6.28763	2.67395				
83	08	4.42473	2.80112				
83	09	3.88440	2.79405	4.87715	2.94159	4.29193	3.03231

Overall Standard Deviation: 2.25628

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Indio - Oasis St.

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: SO2 (continued) Method Code: 14 Unit: pphm							
72	05	0.64372	0.95856				
72	06	0.39286	0.58583	0.52442	0.81262		
72	07	0.24585	0.49913				
72	08	0.22790	0.45152				
72	09	0.40327	0.52039	0.29092	0.49621		
72	10	0.55723	0.62360				
72	11	0.38243	0.56081	0.49286	0.60686	0.41079	0.64491

Overall Standard Deviation: 0.62802

Parameter: SO2 Method Code: 16 Unit: pphm

76	10	0.0000	0.0000				
76	11	0.0000	0.0000				
76	12	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
77	01	0.0000	0.0000				
77	02	0.0000	0.0000				
77	03	0.0000	0.0000	0.0000	0.0000		
77	04	0.0000	0.0000				
77	05	0.0000	0.0000				
77	06	0.0000	0.0000	0.0000	0.0000		
77	07	0.0000	0.0000				
77	08	0.0000	0.0000				
77	09	0.0000	0.0000	0.0000	0.0000		
77	10	0.0000	0.0000				
77	11	0.05874	0.23530				
77	12	0.06577	0.26555	0.04059	0.20442	0.00994	0.10264

Overall Standard Deviation: 0.09119

Parameter: NO Method Code: 11 Unit: pphm

71	06	0.15825	0.49170	0.15825	0.49170		
71	08	0.15909	0.43346				
71	09	0.39036	1.03296	0.29104	0.83790		
71	10	1.78583	3.56337				
71	11	3.21196	5.47092				
71	12	1.32252	2.54667	2.09989	4.11213	1.28669	3.24374
72	01	2.00710	3.86884				
72	02	2.49053	4.16180				
72	03	0.35413	0.93508	1.57660	3.40294		

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Indio - Oasis St.

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO (continued) Method Code: 11 Unit: pphm							
72	04	0.36926	0.70030				
72	05	0.16741	0.52661				
72	06	0.24288	0.71728	0.25775	0.65766		
72	07	0.23693	0.54111				
72	08	0.30283	0.94802				
72	09	0.38733	0.92422	0.31262	0.84394		
72	10	0.50787	1.05759				
72	11	1.72168	2.71566				
72	12	2.54619	4.08555	1.60930	3.03676	0.92933	2.40051
73	01	2.02893	3.23694				
73	02	1.89805	3.44259				
73	03	0.71558	1.27596	1.56378	2.90045		
73	04	0.45760	1.80239				
73	05	0.21816	0.54868				
73	06	0.28977	0.74758	0.31495	1.13511		
73	07	0.13874	0.49061				
73	08	0.22284	0.60719				
73	09	0.39342	1.24896	0.24988	0.85083		
73	10	1.42522	3.16661				
73	11	2.84025	5.43569				
73	12	5.19605	8.32308	3.18560	6.26605	1.31247	3.69466
74	01	2.17655	3.69100				
74	02	2.05287	4.12313				
74	03	0.55446	1.67495	1.58978	3.40250		
74	04	0.27259	1.17960				
74	05	0.07932	0.29549				
74	06	0.08374	0.28862	0.14585	0.73037		
74	07	0.15989	0.51627				
74	08	0.20059	0.90356				
74	09	0.31884	0.84334	0.21925	0.76705		
74	10	0.84131	2.40536				
74	11	3.31390	5.16089				
74	12	4.60302	5.86040	2.90554	4.95907	1.25260	3.30742
75	01	4.54252	5.98717				
75	02	2.97550	4.59087				
75	03	0.76590	1.80611	2.74840	4.73147		
75	04	0.28464	0.97889				
75	05	0.15848	0.46066				
75	06	0.31766	0.62080	0.25038	0.69533		
75	07	0.17261	0.55564				
75	08	0.16492	0.57976				
75	09	0.54252	1.13481	0.28119	0.80069		
75	10	0.92580	2.01880				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Indio - Oasis St.

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO (continued) Method Code: 11 Unit: pphm							
75	11	2.21484	4.16552				
75	12	4.53608	6.04517	2.63783	4.71830	1.48656	3.60187
76	01	3.55423	4.99796				
76	02	1.79066	3.37084				
76	03	0.84862	2.25211	2.08367	3.90234		
76	04	0.19477	0.68025				
76	05	0.20816	0.67260				
76	06	0.12817	0.44082	0.17873	0.61353		
76	07	0.14047	0.46733				
76	08	0.20137	0.64936				
76	09	0.23495	0.63986	0.19155	0.59188		
76	10	1.03760	2.14924				
76	11	3.70948	5.72932				
76	12	5.61104	7.48131	3.45208	5.89659	1.47076	3.82232
77	01	3.47354	4.67209				
77	02	3.03090	5.22809	3.26932	4.93945	3.26932	4.93945

Overall Standard Deviation: 3.14530

Parameter: NO Method Code: 14 Unit: pphm

75	05	0.66781	0.66523				
75	06	1.43096	0.84218	1.21011	0.86686		
75	07	1.40751	0.83249				
75	08	1.49462	0.70183				
75	09	1.71905	1.27721	1.53987	0.97470		
75	10	2.36156	2.72611				
75	11	5.41710	6.27590				
75	12	6.50460	6.99649	4.62265	5.80828	2.65175	3.97865
76	01	7.03500	6.60240				
76	02	3.14286	3.82066	6.18359	6.30604		
76	05	1.52288	0.84733				
76	06	1.62879	0.77367	1.56448	0.82042		
76	07	2.62815	1.61211				
76	08	2.08086	1.04755				
76	09	3.33088	1.58489	2.56274	1.48144		
76	10	5.54457	3.42066	5.54457	3.42066	2.96755	2.84668

Overall Standard Deviation: 3.06545

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Indio - Oasis St.

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO		Method Code: 98		Unit: pphm			
77	02	8.34672	7.26917				
77	03	5.15364	4.00952	6.67114	6.00566		
77	04	4.08206	2.04141				
77	05	3.04043	0.99850				
77	06	2.79858	1.34703	3.30748	1.61906		
77	07	3.25000	1.02032				
77	08	3.02609	2.19563				
77	09	3.49000	1.68748	3.23216	1.69884		
77	10	5.18495	3.63313				
77	11	7.33893	5.61005				
77	12	7.76518	7.74467	6.83325	6.09802	4.88365	4.63129
78	01	6.21506	5.44959				
78	02	6.02534	5.60444				
78	03	4.15995	2.55332	5.44789	4.80625		
78	04	3.79943	1.77501				
78	05	1.84451	1.03651				
78	06	1.21897	0.64797	2.28457	1.65988		
78	07	1.00405	0.63351				
78	08	0.67631	0.62470				
78	09	1.67038	1.51634	1.11436	1.09113		
78	10	2.28786	1.81684				
78	11	3.45833	4.26565				
78	12	5.55660	6.14349	3.77677	4.65367	3.15543	3.85444
79	01	5.37903	5.61328				
79	02	2.95092	3.75199				
79	03	1.98376	2.06395	3.46230	4.34235		
79	04	1.37917	1.13086				
79	05	3.33750	1.38676				
79	06	1.75000	1.60281	1.74179	1.49402	2.72950	3.53511

Overall Standard Deviation: 3.66694

Parameter: NO2 Method Code: 11 Unit: pphm

71	05	0.81832	0.68657				
71	06	0.98647	0.45403	0.90164	0.58887		
71	07	0.88640	0.58416				
71	08	1.04648	0.80498				
71	09	1.00441	0.87427	0.98124	0.77122		
71	10	1.34710	1.04289				
71	11	1.51351	0.99567				
71	12	0.60380	0.58412	1.14971	0.98033	1.02158	0.82045

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Indio - Oasis St.

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO2 (continued) Method Code: 11 Unit: pphm							
72	01	1.41873	0.95358				
72	02	1.78947	1.33080				
72	03	1.11298	0.80479	1.42815	1.07858		
72	04	1.00474	1.01958				
72	05	1.04412	0.99829				
72	06	1.08832	1.31180	1.04644	1.12000		
72	07	1.19132	1.15980				
72	08	1.18977	1.22872				
72	09	1.65957	1.30574	1.34188	1.25057		
72	10	1.83000	1.24345				
72	11	2.02657	1.17424				
72	12	1.92016	1.01098	1.92619	1.14715	1.44414	1.20007
73	01	1.99449	1.04120				
73	02	2.03148	1.08659				
73	03	1.65351	0.95037	1.89408	1.04076		
73	04	1.59040	1.19772				
73	05	1.32791	1.16288				
73	06	1.14063	1.15946	1.34349	1.18561		
73	07	0.88477	0.92457				
73	08	1.08654	0.94669				
73	09	1.46352	1.08771	1.14054	1.01552		
73	10	1.85103	1.27768				
73	11	2.30466	1.71865				
73	12	2.47955	1.28604	2.20802	1.46168	1.64501	1.26348
74	01	2.10440	1.23457				
74	02	2.16012	1.45171				
74	03	1.33522	1.17188	1.86266	1.34087		
74	04	1.14831	0.93622				
74	05	0.96133	0.68466				
74	06	0.90419	0.64078	1.00434	0.77077		
74	07	0.88375	0.81307				
74	08	0.98823	0.84942				
74	09	1.14312	1.05019	0.99383	0.90412		
74	10	1.42408	1.05761				
74	11	2.16006	1.30949				
74	12	2.02060	1.03494	1.86467	1.18238	1.44415	1.16098
75	01	2.22548	1.20439				
75	02	2.16386	1.44716				
75	03	1.54191	1.17363	1.97239	1.31450		
75	04	1.19927	0.82684				
75	05	1.18627	0.76221				
75	06	1.14043	0.77340	1.17345	0.78467		
75	07	1.00999	0.68340				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Indio - Oasis St.

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO2 (continued) Method Code: 11 Unit: pphm							
75	08	1.01946	0.71054				
75	09	1.12925	0.95037	1.04905	0.78303		
75	10	1.46463	0.98844				
75	11	1.88200	1.18628				
75	12	2.46110	1.33470	1.95729	1.25393	1.54326	1.14998
76	01	2.53556	1.43329				
76	02	2.29542	1.47309				
76	03	1.77763	1.38036	2.19343	1.46283		
76	04	1.38819	0.96769				
76	05	1.14168	0.78415				
76	06	1.20240	0.76492	1.24418	0.85122		
76	07	1.09875	0.92172				
76	08	0.95069	0.78587				
76	09	1.09985	0.88551	1.04836	0.86799		
76	10	2.03203	1.45900				
76	11	2.42181	1.38339				
76	12	2.60138	1.19841	2.35187	1.37091	1.70982	1.30363
77	01	2.31001	1.15664				
77	02	2.72815	1.47608	2.50186	1.32883	2.50186	1.32883

Overall Standard Deviation: 1.08607

Parameter: NO2 Method Code: 14 Unit: pphm

75	05	1.53767	1.05613				
75	06	1.00697	1.01728	1.16055	1.05597		
75	07	0.88595	1.00739				
75	08	0.94086	1.00027				
75	09	1.47427	1.21348	1.09853	1.10889		
75	10	1.58065	1.40809				
75	11	2.21815	1.63535				
75	12	2.22699	1.42202	1.98019	1.51386	1.44710	1.33711
76	01	1.77000	1.51611				
76	02	1.94643	1.49447	1.80859	1.51025		
76	05	1.44444	1.22782				
76	06	1.14899	0.94428	1.32837	1.13372		
76	07	1.40385	1.25948				
76	08	1.39892	1.31118				
76	09	1.89461	1.33969	1.51150	1.31425		
76	10	2.57885	1.90255	2.57885	1.90255	1.64012	1.44602
77	02	2.76935	1.60069				
77	03	1.83828	1.28554	2.28076	1.51649		

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Indio - Oasis St.

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO2 (continued) Method Code: 14 Unit: pphm							
77	04	2.17385	1.44214				
77	05	0.03898	0.27908				
77	06	0.00567	0.09214	0.73616	1.32093		
77	07	0.0000	0.0000				
77	08	0.0000	0.0000				
77	09	0.78088	1.34320	0.19888	0.75805		
77	10	2.76489	1.74007				
77	11	2.39916	1.48354				
77	12	3.93936	2.31065	3.05635	2.00279	1.51864	1.88233
78	01	2.73925	1.30812				
78	02	2.78092	1.92888				
78	03	2.07393	1.43825	2.52293	1.60089		
78	04	1.36530	1.08168				
78	05	1.16976	0.92489				
78	06	0.81590	0.65980	1.11566	0.93272		
78	07	0.76653	0.84518				
78	08	1.19284	1.00824				
78	09	1.58275	1.09495	1.17658	1.04144		
78	10	1.63984	1.22302				
78	11	2.56111	1.54817				
78	12	2.63207	1.51491	2.27745	1.50478	1.77582	1.44869
79	01	2.26075	0.95906				
79	02	2.07362	1.09633				
79	03	1.77672	1.07330	2.03606	1.06143		
79	04	0.05556	0.22922				
79	05	1.58750	0.86430				
79	06	1.61506	1.12938	0.90341	1.12465	1.55364	1.22431

Overall Standard Deviation: 1.24543

Parameter: NOX Method Code: 11 Unit: pphm

71	03	1.45706	0.95900	1.45706	0.95900		
71	06	1.14765	0.72823	1.14765	0.72823		
71	08	1.19522	0.90999				
71	09	1.38509	1.62719	1.30192	1.36312		
71	10	3.10737	4.21527				
71	11	4.71308	6.05200				
71	12	1.91681	2.82991	3.24306	4.69121	2.28248	3.57306
72	01	3.43662	4.34405				
72	02	4.25468	4.81854				
72	03	1.49759	1.44889	2.98957	3.93802		

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Indio - Oasis St.

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NOX (continued) Method Code: 11 Unit: pphm							
72	04	1.37559	1.33570				
72	05	1.21375	1.27530				
72	06	1.33233	1.68965	1.30589	1.44793		
72	07	1.37108	1.33025				
72	08	1.49260	1.81255				
72	09	2.06922	1.86955	1.65381	1.73477		
72	10	2.33809	1.84812				
72	11	3.74825	3.27555				
72	12	4.46331	4.63982	3.53346	3.57854	2.37623	3.01434
73	01	4.07075	3.84160				
73	02	3.92954	3.99055				
73	03	2.34311	1.64004	3.46017	3.43248		
73	04	2.04800	2.47894				
73	05	1.54607	1.41849				
73	06	1.43040	1.55807	1.65844	1.86225		
73	07	1.02469	1.15285				
73	08	1.31337	1.25678				
73	09	1.85735	1.88366	1.39292	1.50118		
73	10	3.26833	3.97309				
73	11	5.28849	6.75904				
73	12	7.61104	9.04061	5.43594	7.18400	2.97505	4.44775
74	01	4.28552	4.52585				
74	02	4.21299	5.09293				
74	03	1.88967	2.52786	3.45368	4.32214		
74	04	1.40772	1.71910				
74	05	1.03399	0.75248				
74	06	0.99843	0.72141	1.15083	1.18449		
74	07	1.04348	0.93139				
74	08	1.18897	1.37213				
74	09	1.40476	1.60208	1.21236	1.33924		
74	10	2.26539	3.09629				
74	11	5.46487	5.94088				
74	12	6.62363	6.51977	4.76222	5.69098	2.65269	3.99928
75	01	6.70645	6.70361				
75	02	5.13936	5.54075				
75	03	2.30780	2.66929	4.74542	5.58543		
75	04	1.53532	1.53290				
75	05	1.34454	0.92590				
75	06	1.45157	1.06417	1.44033	1.19125		
75	07	1.19204	0.99250				
75	08	1.17012	1.00833				
75	09	1.64154	1.57241	1.33132	1.23539		
75	10	2.41237	2.85142				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Indio - Oasis St.

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NOX (continued) Method Code: 11 Unit: pphm							
75	11	4.05991	4.84032				
75	12	6.95294	6.81509	4.48209	5.44001	2.97600	4.28240
76	01	6.14430	5.98910				
76	02	4.06764	4.38531				
76	03	2.59022	3.13117	4.30793	4.91149		
76	04	1.58866	1.34813				
76	05	1.35443	1.16443				
76	06	1.29272	0.89977	1.41457	1.16495		
76	07	1.23750	1.17246				
76	08	1.15206	1.13923				
76	09	1.32290	1.18856	1.23641	1.16817		
76	10	3.06389	3.22479				
76	11	6.08018	6.56699				
76	12	8.21242	8.21124	5.78300	6.69725	3.17171	4.65333
77	01	5.79666	5.33878				
77	02	5.54755	6.05296	5.67810	5.68911	5.67810	5.68911

Overall Standard Deviation: 3.70703

Parameter: NOX Method Code: 14 Unit: pphm

75	05	2.19863	1.19057				
75	06	2.39191	1.31433	2.33598	1.28217		
75	07	2.24630	1.43217				
75	08	2.40726	1.34074				
75	09	3.10570	2.00694	2.58069	1.65686		
75	10	3.94489	3.65923				
75	11	7.60210	7.43048				
75	12	8.75153	8.04993	6.60081	6.85782	4.05999	4.82777
76	01	8.72637	7.82814				
76	02	4.85714	4.79935	7.88327	7.44209		
76	05	2.88072	1.59700				
76	06	2.71717	1.25115	2.81647	1.47237		
76	07	4.00592	2.15359				
76	08	3.42318	1.89221				
76	09	5.23256	2.43840	4.05739	2.23533		
76	10	8.06202	4.72835	8.06202	4.72835	4.55320	3.70533
77	02	11.1086	8.24052				
77	03	6.95014	4.96726	8.92645	7.03577		
77	04	6.25452	3.04937				
77	05	3.09434	1.05028				
77	06	2.83688	1.36006	4.05956	2.54342		

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Indio - Oasis St.

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NOX (continued) Method Code: 14 Unit: pphm							
77	07	3.26075	1.02552				
77	08	3.03623	2.22014				
77	09	4.21600	2.12659	3.42761	1.88541		
77	10	7.59779	4.66159				
77	11	9.69650	6.66013				
77	12	11.6761	9.42526	9.67049	7.39481	6.38578	5.93885
78	01	8.94221	6.40559				
78	02	8.80179	7.12517				
78	03	6.22043	3.69421	7.96065	6.01534		
78	04	5.06215	2.34544				
78	05	2.93581	1.49958				
78	06	2.02929	0.87036	3.33819	2.10901		
78	07	1.73819	1.05601				
78	08	1.84711	1.23737				
78	09	3.20723	2.25039	2.25755	1.73033		
78	10	3.90587	2.56460				
78	11	5.98334	5.55311				
78	12	8.18328	7.21326	6.03326	5.74014	4.89984	4.92135
79	01	7.58064	6.09472				
79	02	5.01072	4.34320				
79	03	3.68648	2.66213	5.44689	4.88349		
79	04	1.41389	1.17381				
79	05	4.94375	1.77773				
79	06	3.31392	2.25905	2.61490	2.15201	4.24134	4.19829

Overall Standard Deviation: 4.24584

Parameter: CO Method Code: 11 Unit: ppm

77	01	1.26351	1.30866				
77	02	1.47714	1.40539	1.33211	1.34355		
77	04	0.57297	0.72979				
77	05	1.21245	0.77038				
77	06	0.83714	0.68027	0.88881	0.76078		
77	07	1.11009	0.72443				
77	08	1.46743	1.10065	1.36216	1.01676		
77	10	2.41146	0.80809				
77	11	2.80654	1.30836				
77	12	3.10629	1.29852	2.79990	1.21356	1.79220	1.39958
78	01	2.96257	1.38316				
78	02	2.58197	1.28040				
78	03	1.18970	0.52797	2.19841	1.35702		

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Indio - Oasis St.

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: CO (continued) Method Code: 11 Unit: ppm							
78	04	1.17294	0.41708				
78	05	1.23294	0.46645				
78	06	1.44154	0.53286	1.27829	0.48605		
78	07	1.51489	0.64430				
78	08	1.50103	0.66936				
78	09	1.61173	0.77194	1.55017	0.70652		
78	10	2.00539	0.94660				
78	11	1.55303	1.23624				
78	12	1.73447	1.52919	1.77419	1.26020	1.70382	1.08314
79	01	1.83425	1.22339				
79	02	1.76480	1.23615				
79	03	1.46499	0.83542	1.68606	1.12131		
79	04	1.28473	0.62140				
79	05	1.97712	0.64072				
79	06	1.96106	0.59584	1.77408	0.69229	1.72970	0.93452

Overall Standard Deviation: 0.97821

Parameter: CO Method Code: 12 Unit: ppm

71	03	11.2298	2.41175	11.2298	2.41175		
71	04	10.1892	1.51606	10.1892	1.51606		
71	08	4.13793	2.30726				
71	09	5.24080	2.16422	4.90127	2.26600		
71	10	5.29895	2.51227				
71	11	7.98007	3.41519				
71	12	7.35829	2.58947	6.89510	3.09918	7.54608	3.51308
73	01	3.55254	1.66042				
73	02	3.28294	1.82746				
73	03	2.17162	1.30431	2.95096	1.71084		
73	04	2.68927	1.36931				
73	05	1.92847	1.19653				
73	06	1.87588	0.99652	2.16385	1.25286		
73	07	2.62721	0.88112				
73	08	2.05427	1.13601				
73	09	1.72791	1.08954	2.14050	1.10482		
73	10	2.15123	1.49132				
73	11	2.81818	1.84496				
73	12	3.16304	2.23711	2.71030	1.92910	2.48341	1.57224
74	01	2.79324	1.48487				
74	02	2.89222	1.75323				
74	03	2.18279	1.05765	2.61292	1.48204		

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Indio - Oasis St.

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: CO (continued) Method Code: 12 Unit: ppm							
74	04	1.54861	0.85556				
74	05	1.48318	0.73196				
74	06	1.55882	0.79799	1.52963	0.79646		
74	07	1.58065	0.90200				
74	08	1.66802	0.76964				
74	09	1.40808	0.86416	1.55301	0.85194		
74	10	1.24205	1.11440				
74	11	1.92086	1.65403				
74	12	1.46375	1.60811	1.53699	1.50299	1.80775	1.29132
75	01	1.28376	1.44431				
75	02	1.14697	1.38096				
75	03	0.57084	0.75859	0.99530	1.26720		
75	04	0.50350	0.65758				
75	05	0.60519	0.57406				
75	06	1.21797	0.86342	0.73097	0.75130		
75	08	0.78146	0.90886				
75	09	1.52703	1.02745	1.22520	1.04687		
75	10	1.89609	1.24932				
75	11	2.25556	1.86281				
75	12	3.15007	2.19900	2.42640	1.88189	1.38065	1.51673
76	01	2.81335	1.99980				
76	02	1.70700	1.30809				
76	03	1.12297	0.97034	1.88287	1.65077		
76	04	1.04312	0.85238				
76	05	0.64872	0.72621				
76	06	0.73194	0.72628	0.80614	0.78821		
76	07	0.72813	0.66394				
76	08	0.73414	0.70579				
76	09	0.85533	0.74019	0.76485	0.70236		
76	10	1.08097	1.03789				
76	11	1.62069	1.82385				
76	12	1.91532	1.98231	1.53783	1.69918	1.25444	1.38811

Overall Standard Deviation: 1.47247

Parameter: TSP Method Code: 91 Unit: ug/m3

70	01	161.149	1.32700		
70	02	110.052	2.71272		
70	03	100.399	1.31185	120.040	1.89565
70	04	117.633	1.57136		
70	05	132.765	2.01495		

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Indio - Oasis St.

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: TSP (continued) Method Code: 91 Unit: ug/m3							
70	06	228.543	1.45682	156.169	1.72543		
70	07	1.00000	1.00000				
70	08	191.159	1.37883				
70	09	147.799	1.58765	171.162	1.46905		
70	10	172.194	1.12725				
70	11	132.908	1.66194				
70	12	51.2920	2.11540	93.4192	2.16626	127.601	1.91837
71	01	107.902	1.58211				
71	02	202.563	1.31561				
71	03	156.234	2.03952	147.483	1.72838		
71	04	136.606	1.33021				
71	05	72.7324	1.00000				
71	06	196.654	2.44911	146.685	2.06173		
71	07	152.923	1.83377				
71	08	1.00000	1.00000				
71	09	274.693	1.83313	201.763	1.93678		
71	10	199.361	1.04443				
71	11	213.064	1.42371				
71	12	62.7962	1.41444	143.341	1.88360	156.091	1.88436
73	01	82.4397	1.26345				
73	02	91.8389	1.30376				
73	03	76.3879	2.86024	82.4679	1.92401		
73	04	88.2648	2.20096				
73	05	186.847	3.00900				
73	06	160.331	2.01309	139.566	2.38952		
73	07	151.406	1.25884				
73	08	123.543	1.35805				
73	09	121.169	1.46070	131.356	1.36345		
73	10	123.785	1.97335	123.785	1.97335	114.896	1.95321
74	01	110.449	1.76577				
74	02	147.084	1.57231				
74	03	170.258	1.86788	140.371	1.72462		
74	04	111.617	1.33423				
74	05	181.889	1.26901				
74	06	130.331	1.39819	138.313	1.40690		
74	08	144.508	1.24742	144.508	1.24742		
74	10	109.458	1.63631				
74	11	85.9247	1.21273				
74	12	69.6505	1.69009	85.6591	1.57013	120.042	1.62216
75	01	92.4562	1.48269				
75	02	143.424	1.87068				
75	03	153.606	1.49074	127.343	1.63386		
75	04	167.906	1.58659				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Indio - Oasis St.

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: TSP (continued) Method Code: 91 Unit: ug/m3							
75	05	127.834	1.28854				
75	06	218.016	2.15341	164.127	1.68160		
75	07	184.031	1.26006				
75	08	123.931	1.41272				
75	09	118.105	1.26790	139.138	1.38860		
75	10	125.717	1.31413				
75	11	134.965	1.61201				
75	12	92.6922	1.05501	116.293	1.40524	135.171	1.54414
76	01	87.4341	1.37617				
76	02	125.095	1.49346				
76	03	188.633	3.37878	127.584	2.27917		
76	04	120.540	1.22388				
76	05	140.490	2.18897				
76	06	124.103	1.42429	128.091	1.61116		
76	07	125.000	1.44405				
76	08	102.410	1.46882				
76	09	77.7206	1.15816	99.8303	1.42942		
76	10	68.3569	1.40826				
76	11	63.2058	1.45189				
76	12	55.8174	1.24453	62.1767	1.35185	101.567	1.82492
77	01	47.9114	1.26660				
77	02	51.1724	1.27148				
77	03	60.6979	1.11698	52.7606	1.24229		
77	04	86.5287	1.45020				
77	05	63.6470	1.26933				
77	06	112.260	1.14934	85.1118	1.41167		
77	07	131.907	1.29860				
77	08	133.573	1.14722				
77	09	140.583	1.50879	135.427	1.32283		
77	10	101.678	1.29699				
77	11	80.5763	1.22143				
77	12	106.348	2.70571	95.5112	1.77566	86.6018	1.64391
78	01	40.1563	1.31799				
78	02	95.6050	1.77098				
78	03	97.8782	2.25261	72.1617	2.01041		
78	04	119.316	1.86009				
78	05	121.007	1.26194				
78	06	109.746	1.43693	116.582	1.50120		
78	07	102.561	1.37764				
78	08	109.006	1.16720				
78	09	118.428	1.83404	108.759	1.42586		
78	10	95.8304	1.45624				
78	11	56.3537	1.45969				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Indio - Oasis St.

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: TSP (continued) Method Code: 91 Unit: ug/m3							
78	12	56.4553	1.32951	67.3044	1.51268	88.5854	1.70574
79	01	55.6587	1.33489				
79	02	134.984	1.57627				
79	03	46.6804	1.42574	63.8172	1.71839		
79	04	92.8243	1.36737				
79	05	94.3612	1.17997				
79	06	99.2709	1.23888	95.4463	1.24997		
79	07	101.713	1.15477				
79	08	109.257	1.17372				
79	09	96.4647	1.25300	102.344	1.19106		
79	10	106.089	1.83405				
79	11	56.4256	1.42817				
79	12	66.5568	1.69419	74.9922	1.73669	83.5866	1.54486
80	01	50.7325	1.48708				
80	02	47.8859	2.37365				
80	03	65.5356	1.64606	54.1989	1.80594		
80	04	99.3785	1.61623				
80	05	127.735	1.72307				
80	06	108.642	1.19540	111.310	1.51233		
80	07	85.8721	1.26910				
80	08	117.560	1.67584				
80	09	94.5465	1.23879	98.4583	1.42208		
80	10	62.7742	1.59860				
80	11	100.094	1.36479				
80	12	64.4118	1.19219	73.9694	1.47008	81.4155	1.67594
81	01	84.9921	1.43229				
81	02	48.0248	1.19078				
81	03	73.8449	1.19896	63.9336	1.39414		
81	04	81.4003	1.34820				
81	05	107.191	1.23582				
81	06	90.2266	1.55007	91.3578	1.39321		
81	07	102.575	1.55681				
81	08	111.821	1.20571				
81	09	92.1426	1.67433	101.861	1.47032		
81	10	56.9663	1.53737				
81	11	97.3892	1.33955				
81	12	81.7574	1.91373	76.8337	1.65044	83.1853	1.52858
82	01	39.1895	1.38980				
82	02	58.3199	1.65426				
82	03	44.0438	1.31596	47.0914	1.48405		
82	04	81.1292	1.25952				
82	05	85.5475	1.65951				
82	06	103.258	1.09482	89.4889	1.37699		

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Indio - Oasis St.

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: TSP (continued) Method Code: 91 Unit: ug/m3							
82	07	86.6454	1.39364				
82	08	86.9002	1.48586				
82	09	66.3835	1.23474	78.2787	1.37186		
82	10	57.1862	1.27594				
82	11	46.9056	1.55142				
82	12	48.1229	1.64862	50.3840	1.48898	63.4771	1.56633

Overall Standard Deviation: 1.42186

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Barstow

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: 03		Method Code: 11		Unit: pphm			
73	10	1.69044	1.73158				
73	11	2.79177	2.06601				
73	12	1.63246	1.60451	1.89908	1.81904	1.89908	1.81904
74	01	1.77453	1.37190				
74	02	1.72078	1.39568				
74	03	1.75269	1.18338	1.74769	1.30683		
74	04	1.90664	0.99979				
74	05	4.40435	2.15043				
74	06	2.24539	1.48790	2.98753	2.02348		
74	07	2.67531	1.49257				
74	08	5.10604	2.51989				
74	09	3.87147	2.56439	3.81305	2.43195		
74	10	2.36425	2.08445				
74	11	0.84322	1.16381				
74	12	0.17201	0.46120	1.15715	1.69659	2.42212	2.19013
75	01	0.84659	0.95276				
75	02	0.70624	0.82298				
75	03	1.67627	1.01337	1.17478	1.04274		
75	04	2.64483	1.23088				
75	05	2.70263	1.32683				
75	06	4.36767	1.84675	3.23566	1.69157		
75	07	3.76244	1.70902				
75	08	3.25103	1.63120				
75	09	2.06204	1.62059	2.93777	1.78604		
75	10	2.03768	1.76114				
75	11	0.42390	0.77135				
75	12	0.44292	0.80407	0.95566	1.41151	2.10944	1.84402
76	01	0.99296	1.14096				
76	02	2.17751	1.26063				
76	03	2.63512	1.60311	1.93759	1.52149		
76	04	1.98573	1.69700				
76	06	2.80000	1.72004	2.39402	1.75587		
76	07	3.24683	2.19005				
76	08	2.67078	2.05588				
76	09	1.96258	1.80722	2.66683	2.09881		
76	10	1.34897	1.66194				
76	11	0.61846	1.10704				
76	12	0.18785	0.49612	0.71324	1.27742	1.88770	1.84712
77	01	0.20783	0.46494				
77	02	0.34703	0.59582				
77	03	0.80381	0.75592	0.45659	0.66928		
77	04	1.43224	1.50429				
77	05	2.52924	1.85497				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Barstow

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: 03 (continued) Method Code: 11 Unit: pphm							
77	06	5.17305	3.49977	3.04888	2.90871		
77	07	3.70865	2.83917				
77	08	4.30178	2.87553				
77	09	3.45494	2.62927	3.83086	2.80556		
77	10	2.04990	2.31333				
77	11	0.73437	1.12727				
77	12	0.62637	0.87639	1.03466	1.58092	2.13184	2.61773
78	01	0.71763	1.08349				
78	02	1.31797	1.40175				
78	03	1.57143	1.57402	1.19482	1.41199		
78	05	3.68600	2.42808				
78	06	2.97373	1.98883	3.36776	2.26946		
78	07	3.77856	2.71796				
78	08	4.79649	3.06474				
78	09	2.32011	2.23628	3.55214	2.84786		
78	10	2.06754	2.15105				
78	11	0.86969	1.30249				
78	12	0.50000	0.79306	1.05688	1.57979	2.17687	2.38986
79	01	0.79833	1.00261				
79	02	1.55015	1.46644				
79	03	2.19753	1.82608	1.51757	1.58254		
79	04	3.69362	2.10040				
79	05	4.17857	2.29609				
79	06	5.08556	2.89948	4.32060	2.52109		
79	07	4.57528	2.43655				
79	08	4.01376	2.75087				
79	09	2.77008	2.35441	3.79529	2.63534		
79	10	1.96306	1.98763				
79	11	0.71002	0.99632				
79	12	0.49932	0.82514	1.10336	1.56376	2.70990	2.55452
80	01	0.69252	0.77918				
80	02	0.71217	0.90742				
80	03	1.56421	1.31183	0.99859	1.10710		
80	04	1.81129	1.75886				
80	05	2.45931	2.41200				
80	06	5.91831	2.44928	3.45888	2.88385		
80	07	4.53586	2.68838				
80	08	4.81158	3.05732				
80	09	3.30803	2.84492	4.24227	2.93888	2.90174	2.82410

Overall Standard Deviation: 1.85246

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Barstow

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: 03 Method Code: 14 Unit: pphm							
76	05	2.86740	2.26748	2.86740	2.26748	2.86740	2.26748
80	10	2.29768	2.39691				
80	11	1.46993	1.71258				
80	12	0.51827	0.93579	1.41214	1.89790	1.41214	1.89790
81	01	2.31472	1.85283				
81	02	3.00150	1.43474				
81	03	2.33784	1.85741	2.55278	1.75447		
81	04	3.74882	2.08030				
81	05	4.85888	2.07185				
81	06	4.89762	2.35224	4.53481	2.23459		
81	07	5.65578	2.88657				
81	08	5.54342	2.74006				
81	09	4.48885	2.37477	5.29945	2.74704		
81	10	2.27015	1.88777				
81	11	1.21587	1.69987				
81	12	0.61354	0.87504	1.38075	1.68195	3.53188	2.64689
82	01	1.15208	1.42428				
82	02	1.64262	1.82038				
82	03	2.52819	1.66065	1.77133	1.73342		
82	04	4.61600	1.91562				
82	05	5.16243	2.19693				
82	06	5.57081	2.16066	5.00511	2.11067		
82	07	4.49260	2.20604				
82	08	4.76312	2.50182				
82	09	3.83800	2.32347	4.36202	2.37701		
82	10	2.44958	1.82190				
82	11	1.21088	1.17268				
82	12	0.75000	0.90776	1.59313	1.62919	3.16864	2.49399
83	01	0.84853	1.20138				
83	02	1.86918	1.77427				
83	03	2.61702	1.44923	1.76771	1.64991		
83	04	3.46948	1.78339				
83	05	4.29343	2.17752				
83	06	6.97535	2.60228	4.87130	2.66709		
83	07	6.69615	2.55519				
83	08	5.75745	2.87018				
83	09	4.54532	2.95542	5.69373	2.92689		
83	10	3.16360	2.13988	3.16360	2.13988	4.01920	2.95914

Overall Standard Deviation: 2.06078

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Barstow

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO		Method Code: 11		Unit: pphm			
73	10	4.52707	4.67289				
73	11	4.04539	5.37530				
73	12	7.09167	7.13061	5.24799	5.98519	5.24799	5.98519
74	01	5.32792	6.02458				
74	02	4.03915	5.57818				
74	03	3.15736	5.46954	4.18902	5.76511		
74	04	4.35928	6.07871				
74	05	1.91197	2.80504				
74	06	1.94468	2.72688	2.55820	4.04534		
74	07	1.41128	1.68857				
74	08	3.58650	3.68904				
74	09	3.79130	4.77140	2.90977	3.75011		
74	10	5.15669	5.90205				
74	11	9.66339	8.58803				
74	12	11.2665	8.90420	8.52711	8.25989	4.47405	6.14177
75	01	9.32675	7.78797				
75	02	6.52462	6.30578				
75	03	3.02913	3.16763	6.19122	6.53581		
75	04	2.70521	2.65887				
75	05	5.05278	4.05971				
75	06	3.43903	2.91835	3.78927	3.44327		
75	07	3.43107	2.91743				
75	08	4.04127	3.22199				
75	09	6.44394	6.10550	4.68004	4.54083		
75	10	2.17638	3.06086				
75	11	1.16928	1.70756				
75	12	1.09807	1.48763	1.47184	2.23719	4.00183	4.78111
76	01	2.03099	2.06977				
76	02	1.81210	1.80987				
76	03	1.10055	0.88174	1.63711	1.70443		
76	04	1.16571	1.02248				
76	05	1.62110	1.50909				
76	06	1.04414	1.11511	1.27734	1.25601		
76	08	2.25265	3.21757				
76	09	2.82632	3.36262	2.51828	3.29663		
76	10	5.38809	6.59713				
76	11	7.81565	7.57569				
76	12	6.46266	6.90125	6.65733	7.12500	2.89062	4.47469
77	01	9.27505	8.23318				
77	02	5.47193	6.37163				
77	03	3.30743	4.59899	5.77989	6.86084		
77	04	4.35116	5.40439				
77	05	1.98273	2.25612				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Barstow

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO (continued) Method Code: 11 Unit: pphm							
77	06	2.34255	2.35806	2.81844	3.68334		
77	07	3.87817	2.65765				
77	08	5.25399	4.12884				
77	09	4.60997	3.30359	4.61570	3.49329		
77	10	6.66344	6.38038				
77	11	7.84760	6.96102				
77	12	6.30401	6.26562	6.93145	6.57156	5.02349	5.49800

Overall Standard Deviation: 4.77958

Parameter: NO Method Code: 14 Unit: pphm

82	01	3.88666	4.48498				
82	02	2.98176	4.22947				
82	03	1.60000	3.21611	2.81350	4.11499		
82	04	0.55202	1.28169				
82	05	0.46014	1.21130				
82	06	0.12415	0.42589	0.41405	1.11890		
82	07	0.37251	0.74121				
82	08	0.44445	1.29551				
82	09	0.98054	2.21307	0.63093	1.62763		
82	10	2.86975	4.08206				
82	11	4.86377	5.92995				
82	12	4.67288	5.47872	4.11496	5.27974	2.09861	3.91478
83	01	5.54062	6.02791				
83	03	0.68740	1.74499	3.21122	5.12118		
83	04	0.57602	1.76722				
83	05	0.47194	1.32217				
83	06	0.25786	0.97505	0.43970	1.40654		
83	07	0.28390	1.14069				
83	08	0.44979	1.39453				
83	09	0.55895	1.47741	0.42959	1.34788		
83	10	2.74964	4.17317	2.74964	4.17317	1.30921	3.25098

Overall Standard Deviation: 3.21170

Parameter: NO Method Code: 98 Unit: pphm

80	05	0.51310	0.84677				
80	06	0.33179	0.54428	0.42753	0.72544		
80	07	0.69535	1.16555				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Barstow

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO (continued) Method Code: 98 Unit: pphm							
80	08	0.67674	1.10755				
80	09	1.68336	2.57080	1.01302	1.80340		
80	11	4.58117	4.82742				
80	12	6.50001	5.59081	5.62574	5.34111	2.14527	3.79503
81	01	4.92582	4.74886				
81	02	4.43448	4.95902				
81	03	1.70228	2.07587	3.57834	4.27308		
81	04	0.98065	1.69102				
81	05	0.39054	0.75400				
81	06	0.43296	1.21631	0.59117	1.29123		
81	07	0.36351	1.02627				
81	08	0.54354	1.30381				
81	09	0.82748	1.62646	0.56822	1.34137		
81	10	2.02401	3.21255				
81	11	3.57754	4.38515				
81	12	5.17319	5.46055	3.55783	4.60677	2.02072	3.56099

Overall Standard Deviation: 3.06585

Parameter: NO Method Code: 99 Unit: pphm

78	01	3.22810	3.43087				
78	02	1.93083	2.72232				
78	03	1.19855	1.75828	2.28273	2.96996		
78	04	0.62829	1.37283				
78	05	0.39796	0.66677				
78	06	0.55919	0.68876	0.53445	1.02315		
78	07	0.98891	1.35888				
78	08	0.43003	0.78188				
78	09	0.66550	0.99980	0.67145	1.08382		
78	10	0.98171	1.69977				
78	11	0.59239	0.99434				
78	12	0.92610	1.88785	0.80829	1.57836	1.13271	2.04651
79	01	0.52870	0.93497				
79	03	1.34146	1.69175	0.90615	1.39956		
79	04	1.03271	1.43845				
79	05	1.08675	1.85417				
79	06	0.99243	1.48871	1.03991	1.60993		
79	07	0.71285	0.88577				
79	08	1.13184	1.34370				
79	09	2.81169	2.76742	1.54846	2.06423		
79	10	4.22446	4.74493				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Barstow

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO (continued) Method Code: 99 Unit: pphm							
79	11	5.07615	5.32576				
79	12	5.54351	3.43528	4.90571	4.56243	2.39663	3.44293
80	01	2.83947	3.01214				
80	02	2.10632	2.30929				
80	03	1.29276	2.02392	2.05907	2.54494	2.05907	2.54494

Overall Standard Deviation: 2.44927

Parameter: NO2 Method Code: 11 Unit: pphm

73	10	3.81557	1.94876				
73	11	3.16398	2.24250				
73	12	3.51666	1.85564	3.50633	2.03434	3.50633	2.03434
74	01	3.26948	1.50731				
74	02	3.08320	1.79267				
74	03	3.79629	2.59730	3.37850	2.03278		
74	04	3.77594	2.41656				
74	05	1.99320	2.56017				
74	06	2.62270	2.57987	2.76722	2.62573		
74	07	2.13343	2.09947				
74	08	2.45992	2.31243				
74	09	4.45946	3.03695	3.00561	2.71048		
74	10	4.37448	2.74390				
74	11	5.12376	2.94784				
74	12	4.70074	2.84400	4.73035	2.86105	3.47062	2.70552
75	01	4.04451	2.54839				
75	02	4.45496	3.00062				
75	03	2.42366	2.09009	3.60214	2.70608		
75	04	1.19685	1.02983				
75	05	0.76144	0.90290				
75	06	0.80912	1.08971	0.91205	1.02641		
75	07	0.83257	1.08030				
75	08	1.26099	1.02003				
75	09	1.14243	1.24091	1.08548	1.12938		
75	10	1.90116	1.77451				
75	11	1.24893	1.36158				
75	12	1.13260	0.98204	1.42128	1.44296	1.75241	2.02190
76	01	2.06056	1.49583				
76	02	1.01039	1.26499				
76	03	1.17671	1.63140	1.42053	1.54613		
76	04	1.10857	1.31011				
76	05	1.89302	1.59160				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Barstow

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO2 (continued) Method Code: 11 Unit: pphm							
76	06	1.33630	1.33691	1.44141	1.45423		
76	07	4.26204	3.74971				
76	08	4.65961	3.33267				
76	09	3.92535	3.09664	4.29748	3.43575		
76	10	4.55714	3.10732				
76	11	5.93750	3.41193				
76	12	5.81869	2.60115	5.54933	3.07006	3.04567	3.05752
77	01	4.16537	2.01889				
77	02	3.75439	2.47860				
77	03	3.45588	3.10273	3.75907	2.63819		
77	04	3.93386	3.44062				
77	05	2.96166	2.73118				
77	06	4.04891	3.07331	3.63298	3.12986		
77	07	3.24924	3.21079				
77	08	3.56039	3.47776				
77	09	4.25894	3.26221	3.69744	3.34700		
77	10	5.91778	4.17916				
77	11	5.17436	2.80966				
77	12	3.65000	2.48517	4.83406	3.28693	3.94623	3.15490
78	01	1.50075	1.42729				
78	02	0.54631	0.91277				
78	03	0.90468	0.94183	0.99369	1.19616		
78	04	0.47278	0.79632				
78	05	0.83763	1.04723				
78	06	1.09211	1.33057	0.79814	1.10853		
78	07	1.59237	1.46736				
78	08	0.73639	0.83180				
78	09	1.86283	1.81827	1.42582	1.52747		
78	10	1.87624	1.81168				
78	11	1.73229	1.22063				
78	12	1.83037	1.59664	1.81008	1.54975	1.25914	1.41600
79	01	1.98329	1.40123				
79	02	4.53636	2.57575				
79	03	4.29412	2.80700	3.55336	2.59512		
79	04	1.08511	1.10968				
79	05	0.52885	0.64813				
79	06	0.91729	0.98364	0.83890	0.95974		
79	07	0.25100	0.49469				
79	08	0.49164	0.65158				
79	09	0.72078	1.02568	0.48267	0.76577		
79	10	0.79060	0.81901				
79	11	0.34429	0.54290				
79	12	0.43443	0.51874	0.52734	0.67545	1.39950	1.98405

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Barstow

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev

Parameter: NO2 (continued) Method Code: 11 Unit: pphm

80	01	0.33669	0.50246				
80	02	0.44000	0.63314				
80	03	0.33898	0.60531	0.37111	0.58299	0.37111	0.58299

Overall Standard Deviation: 2.10227

Parameter: NO2 Method Code: 14 Unit: pphm

80	05	1.68000	1.40429				
80	06	2.08951	1.45664	1.87327	1.44328		
80	07	2.35382	1.72903				
80	08	2.33686	1.58276				
80	09	2.52872	1.97372	2.40570	1.77088		
80	10	3.23530	2.35899				
80	11	3.29358	1.90334				
80	12	3.47283	1.60249	3.34166	1.95838	2.61545	1.86439
81	01	3.09544	1.49969				
81	02	3.09425	1.68426				
81	03	1.91498	1.49849	2.62939	1.64740		
81	04	1.79178	1.81029				
81	05	1.21622	1.23624				
81	06	1.87989	1.72423	1.62396	1.63195		
81	07	2.34795	2.13974				
81	08	2.59270	2.13927				
81	09	2.46006	1.92562	2.46748	2.07787		
81	10	2.69915	1.65091				
81	11	3.73116	2.72699				
81	12	3.28271	1.51739	3.22927	2.07876	2.47264	1.96182

Overall Standard Deviation: 1.80515

Parameter: NO2 Method Code: 98 Unit: pphm

82	01	2.62894	1.36932				
82	02	3.05076	1.74399				
82	03	2.42632	1.84148	2.68309	1.67824		
82	04	2.12861	1.46525				
82	05	1.98461	2.02741				
82	06	1.41986	1.43636	1.90324	1.72056		
82	07	2.21196	1.64565				
82	08	2.51235	1.70229				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Barstow

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO2 (continued) Method Code: 98 Unit: pphm							
82	09	2.41229	1.67279	2.37595	1.67592		
82	10	2.87395	1.83493				
82	11	3.20210	1.96205				
82	12	3.10776	1.78520	3.05775	1.86484	2.52723	1.79206
83	01	3.31933	1.65935				
83	03	1.45372	1.20620	2.42389	1.73148		
83	04	1.86842	1.32338				
83	05	2.06475	1.75851				
83	06	1.97480	1.63151	1.96971	1.58281		
83	07	2.18220	1.81363				
83	08	2.51343	1.87069				
83	09	2.42857	1.83637	2.37411	1.84494		
83	10	2.42795	1.79495	2.42795	1.79495	2.25928	1.74351

Overall Standard Deviation: 1.70303

Parameter: NOX Method Code: 11 Unit: pphm

73	10	8.42878	5.87749				
73	11	7.20937	6.69388				
73	12	10.6083	8.28185	8.77861	7.17347	8.77861	7.17347
74	01	8.59740	6.86290				
74	02	7.12235	6.77459				
74	03	6.94924	7.00611	7.56538	6.91642		
74	04	7.91054	7.66076				
74	05	3.88308	4.76342				
74	06	4.56738	4.76300	5.17933	5.89211		
74	07	3.54121	3.18282				
74	08	6.02801	5.36435				
74	09	8.08840	6.80664	5.84569	5.61406		
74	10	9.37749	7.56663				
74	11	14.0886	10.2458				
74	12	15.7611	10.6652	12.8996	9.89457	7.77884	7.81772
75	01	13.1930	9.29595				
75	02	10.9062	8.34329				
75	03	5.39197	4.68895	9.68621	8.31185		
75	04	3.93984	3.36362				
75	05	5.80555	4.57282				
75	06	4.20487	3.57492	4.69159	3.98667		
75	07	4.24258	3.66358				
75	08	5.30262	3.66944				
75	09	7.55007	6.81729	5.75774	5.14591		

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Barstow

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NOX (continued) Method Code: 11 Unit: pphm							
75	10	4.07194	3.93396				
75	11	2.41619	2.62905				
75	12	2.23067	2.05541	2.89496	3.07751	5.72459	6.02214
76	01	4.09155	3.06604				
76	02	2.89331	2.72441				
76	03	2.27983	2.24982	3.08853	2.80184		
76	04	2.27429	1.76248				
76	05	3.51412	2.43490				
76	06	2.37042	1.89663	2.71207	2.12224		
76	08	6.73215	5.37081				
76	09	6.71503	5.51782	6.72456	5.43434		
76	10	9.99854	7.96726				
76	11	13.7604	8.81392				
76	12	12.2021	8.30257	11.8883	8.47741	5.94710	6.49920
77	01	13.3774	9.58634				
77	02	9.20906	7.93592				
77	03	6.89899	6.68919	9.56506	8.44732		
77	04	7.93674	7.53248				
77	05	4.67611	3.85916				
77	06	6.30054	4.38421	6.22862	5.54890		
77	07	7.01216	5.00105				
77	08	8.75072	6.53241				
77	09	8.89442	5.74065	8.23750	5.86558		
77	10	11.7938	9.15767				
77	11	13.3257	8.58275				
77	12	9.75758	7.89406	11.5317	8.66182	8.83133	7.42306
78	01	5.41828	5.13205				
78	02	2.25099	2.86430				
78	03	2.06538	2.28399	3.59780	4.24569		
78	04	1.06743	1.84589				
78	05	1.01495	1.22082				
78	06	1.24181	1.23377	1.09415	1.50359		
78	07	2.11243	2.01211				
78	08	1.12995	1.15425				
78	09	1.43871	1.55829	1.54006	1.64459		
78	10	1.76220	2.43155				
78	11	2.25000	1.74927				
78	12	2.34180	3.04724	2.20829	2.52357	2.13622	2.95361
79	01	2.13595	1.84299				
79	03	4.83275	4.09501	3.38835	3.37663		
79	04	2.09346	2.15702				
79	05	1.63880	1.99378				
79	06	1.95644	2.05059	1.89357	2.07774		

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Barstow

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NOX (continued) Method Code: 11 Unit: pphm							
79	07	0.96386	1.12530				
79	08	1.44417	1.64324				
79	09	3.53247	2.85477	1.97652	2.30164		
79	10	5.00864	5.15102				
79	11	5.46293	5.50065				
79	12	5.94137	3.48193	5.45078	4.77482	3.22886	3.72343
80	01	3.16722	3.16050				
80	02	2.59881	2.68364				
80	03	1.63174	2.16702	2.44896	2.75857	2.44896	2.75857

Overall Standard Deviation: 5.43539

Parameter: NOX Method Code: 14 Unit: pphm

80	05	2.19310	1.74831				
80	06	2.41975	1.63701	2.30007	1.69985		
80	07	3.04918	2.49109				
80	08	3.01360	2.30006				
80	09	4.20735	3.91887	3.41755	3.03480		
80	10	6.83974	6.41252				
80	11	7.76136	6.13399				
80	12	9.93117	6.80555	8.28268	6.61005	4.91046	5.18809
81	01	7.74557	5.92637				
81	02	7.71247	6.23938				
81	03	3.60114	3.16055	6.21413	5.54686		
81	04	2.78801	3.02461				
81	05	1.60676	1.65599				
81	06	2.31285	2.57691	2.22057	2.51484		
81	07	2.70095	2.83678				
81	08	3.13324	3.01316				
81	09	3.28754	3.18100	3.02599	3.01310		
81	10	4.72316	4.43557				
81	11	7.30871	6.07260				
81	12	8.44662	6.72305	6.78488	6.00480	4.50208	4.90774
82	01	6.51146	5.60774				
82	02	6.08460	5.36021				
82	03	4.02861	4.57529	5.51157	5.30455		
82	04	2.68063	2.43777				
82	05	2.44476	2.92017				
82	06	1.54402	1.60872	2.31730	2.51622		
82	07	2.58333	2.06262				
82	08	2.95679	2.65085				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Barstow

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NOX (continued) Method Code: 14 Unit: pphm							
82	09	3.38565	3.45382	3.00410	2.85616		
82	10	5.74370	5.13904				
82	11	8.06587	6.94086				
82	12	7.78736	6.37198	7.17469	6.26165	4.62823	5.02393
83	01	8.85994	6.89370				
83	03	2.14091	2.54367	5.63246	6.24992		
83	04	2.44444	2.71994				
83	05	2.53669	2.74435				
83	06	2.23077	2.22446	2.40873	2.58448		
83	07	2.46610	2.49304				
83	08	2.96322	2.87192				
83	09	2.97968	2.91042	2.80133	2.77248		
83	10	5.17758	5.29843	5.17758	5.29843	3.56674	4.29676

Overall Standard Deviation: 4.27876

Parameter: CO Method Code: 11 Unit: ppm

77	01	0.07798	0.32512				
77	02	0.02297	0.17193				
77	03	0.00584	0.07625	0.03570	0.21930		
77	04	0.02983	0.17840				
77	05	0.0000	0.0000	0.01501	0.12738		
77	07	0.02469	0.15529				
77	08	0.43634	0.72758				
77	09	0.06562	0.25349	0.16635	0.47697		
77	10	0.33450	0.58750				
77	11	0.45881	0.73017				
77	12	0.28264	0.53514	0.36051	0.62994	0.15586	0.45280
78	01	0.19257	0.43446				
78	02	0.16432	0.42960				
78	03	0.09487	0.30370	0.15232	0.39757		
78	04	0.16476	0.37123				
78	05	0.54119	0.79901				
78	06	0.26996	0.55744	0.32616	0.62314		
78	07	0.14468	0.40459				
78	08	0.74921	1.12077				
78	09	0.12889	0.37901	0.32665	0.75845		
78	10	0.43080	0.80049				
78	11	1.03566	1.07045				
78	12	1.06986	0.92921	0.87407	0.98826	0.41844	0.77210
79	01	1.02247	1.21465				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Barstow

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: CO (continued) Method Code: 11 Unit: ppm							
79	02	2.01061	0.88051				
79	03	2.31499	0.81385	1.81443	1.11726		
79	04	2.02966	0.77110				
79	05	2.35693	0.69734	2.18805	0.75402	1.96600	1.00297
80	01	0.97917	0.87992				
80	02	0.61276	0.76313				
80	03	0.39178	0.50776	0.66102	0.77159		
80	04	0.54808	1.01715				
80	05	0.44337	0.61412				
80	06	1.02260	0.62440	0.67461	0.80368		
80	07	0.87127	0.82922				
80	08	0.94482	0.67166				
80	09	1.34318	0.77665	1.04927	0.78864		
80	10	1.12397	1.16638				
80	11	1.29167	0.50353	1.13629	1.13158	0.83032	0.84924
81	01	0.29948	0.68661				
81	02	0.35917	0.59656				
81	03	0.21588	0.45054	0.28821	0.56802		
81	04	0.11436	0.32713				
81	05	0.03930	0.20792				
81	06	0.07188	0.29870	0.07496	0.28276		
81	07	0.24613	0.44075				
81	08	0.02752	0.16373				
81	09	0.08207	0.30111	0.12210	0.33934		
81	10	0.18634	0.48421				
81	11	0.29118	0.61683				
81	12	0.25529	0.57587	0.24379	0.56253	0.17869	0.46075
82	01	0.20268	0.54422				
82	02	0.19406	0.46993				
82	03	0.11049	0.35844	0.17042	0.47230		
82	04	0.03329	0.19499				
82	05	0.02657	0.16095				
82	06	0.01036	0.10131	0.02354	0.15784		
82	07	0.16436	0.37628				
82	08	0.14693	0.38282				
82	09	0.21084	0.48891	0.17484	0.42335		
82	10	0.43264	0.70122				
82	11	0.54678	0.85689				
82	12	0.44059	0.74895	0.47497	0.77462	0.21013	0.53303
83	01	0.50141	0.82580				
83	02	0.24094	0.58387				
83	03	0.04520	0.25661	0.26352	0.63232		
83	04	0.06618	0.30223				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Barstow

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: CO (continued) Method Code: 11 Unit: ppm							
83	05	0.03776	0.20602				
83	06	0.01322	0.12650	0.03905	0.22451		
83	07	0.01955	0.16802				
83	08	0.10750	0.31450				
83	09	0.15834	0.38065	0.09648	0.30811		
83	10	0.16776	0.48177	0.16776	0.48177	0.13645	0.44138

Overall Standard Deviation: 0.59324

Parameter: CO Method Code: 12 Unit: ppm							
73	10	1.45352	1.02574				
73	11	1.05021	0.87500				
73	12	1.05833	1.21965	1.18631	1.06619	1.18631	1.06619
74	01	1.21591	1.13502				
74	02	0.51864	0.77715				
74	03	0.46640	0.68552	0.71624	0.93779		
74	04	0.46302	0.56316				
74	05	0.37787	0.65780				
74	06	0.01808	0.18572	0.28371	0.54668		
74	07	0.08049	0.28209				
74	08	0.25905	0.46617				
74	09	0.20993	0.52890	0.18228	0.44323		
74	10	1.26619	1.31043				
74	11	0.68785	1.11820				
74	12	0.58971	1.16688	0.84878	1.23691	0.50084	0.89223
75	01	0.44945	0.89162				
75	02	0.37026	0.78130				
75	03	0.14540	0.45481	0.32028	0.74292		
75	04	0.13188	0.35534				
75	05	0.03039	0.20142				
75	06	0.00993	0.09922	0.05663	0.24699		
75	07	0.04421	0.22005				
75	08	0.13717	0.35216				
75	09	0.15192	0.40919	0.11246	0.34110		
75	10	0.25784	0.52107				
75	11	0.21560	0.60447				
75	12	0.51786	0.86644	0.33255	0.69538	0.20635	0.56550
76	01	1.44413	0.85996				
76	02	1.67500	0.78945				
76	03	0.89609	0.58932	1.32756	0.82070		
76	04	0.02837	0.19740				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Barstow

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: CO (continued) Method Code: 12 Unit: ppm							
76	05	0.02755	0.17984				
76	06	0.00565	0.07500	0.02057	0.16053		
76	07	0.00282	0.05307				
76	08	0.10397	0.30543				
76	09	0.38071	0.51641	0.14919	0.36859		
76	10	0.27074	0.51740				
76	11	0.07527	0.29694				
76	12	0.04235	0.23301	0.12850	0.38194	0.41184	0.73274

Overall Standard Deviation: 0.66573

Parameter: TSP Method Code: 91 Unit: ug/m3

76	01	105.256	1.35210				
76	02	56.8655	1.25634				
76	03	113.930	2.58357	92.9596	1.92393		
76	04	110.770	1.20093				
76	05	148.322	1.28605				
76	06	106.695	1.34704	120.575	1.31802		
76	08	130.755	1.32634				
76	09	99.2376	2.27516	113.911	1.81744		
76	10	144.216	2.00510				
76	11	105.326	1.26562				
76	12	156.790	1.39165	135.827	1.60618	114.044	1.68690
77	01	67.2557	1.21619				
77	02	73.7062	1.70596				
77	03	73.6887	1.18524	70.8644	1.34860		
77	04	179.617	1.38713				
77	05	132.545	1.19690				
77	06	134.922	1.42461	148.304	1.34226		
77	07	145.753	1.21723				
77	08	107.728	2.08419				
77	09	142.163	1.17493	132.705	1.46159		
77	10	155.879	1.17621				
77	11	142.264	1.28678				
77	12	108.472	2.37705	133.988	1.67375	116.392	1.61569
78	01	58.6722	1.66928				
78	02	100.972	1.48196				
78	03	91.6307	1.37843	81.5751	1.57876		
78	04	74.7094	1.61187				
78	05	61.6536	1.08000				
78	06	77.4272	1.55592	70.9157	1.44079		

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Barstow

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: TSP (continued) Method Code: 91 Unit: ug/m3							
78	07	66.9946	1.22535				
78	08	93.2512	1.51297				
78	09	82.4200	2.54348	79.2578	1.74897		
78	10	75.5187	1.09589				
78	11	33.4669	2.98626				
78	12	57.7664	1.56130	51.3171	2.10341	70.1531	1.75356
79	01	38.1681	1.39872				
79	02	43.0262	1.44317				
79	03	37.5814	1.52995	39.5186	1.42654		
79	04	76.0418	1.94410				
79	05	116.173	1.92366				
79	06	86.0440	1.23762	91.2627	1.72216		
79	07	59.3075	1.72348				
79	08	71.2245	1.27843				
79	09	86.2957	1.17635	71.4216	1.43335		
79	10	84.3084	1.47453				
79	11	67.8989	1.26848				
79	12	67.1706	1.23452	72.7173	1.33543	65.8757	1.64268
80	01	46.7304	1.46249				
80	02	43.5128	1.25076				
80	03	45.8109	1.30987	45.3310	1.32071		
80	04	79.2243	1.06611				
80	05	83.5735	1.61430				
80	06	72.6130	1.18152	78.2042	1.35116		
80	07	68.7613	1.27954				
80	08	73.4750	1.26903				
80	09	91.4647	1.18592	76.3890	1.27149		
80	10	84.2306	1.24398				
80	11	111.980	1.50582				
80	12	89.5134	1.25253	95.2957	1.35959	70.5835	1.48412
81	01	62.1325	1.51144				
81	02	67.6062	1.26583				
81	03	67.6609	2.22049	65.8930	1.68192		
81	04	82.5398	1.51591				
81	05	103.029	1.89231				
81	06	68.9567	1.13412	83.7850	1.56584		
81	07	69.8627	1.17620				
81	08	74.2380	1.30453				
81	09	77.5811	1.08751	73.7628	1.17206		
81	10	60.4431	1.18690				
81	11	70.2854	1.23707				
81	12	57.5532	2.07687	62.5308	1.53150	70.9208	1.51845
82	01	45.4118	1.25842				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Barstow

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: TSP (continued) Method Code: 91 Unit: ug/m3							
82	02	57.6015	1.87994				
82	03	35.6948	1.61083	45.3666	1.62342		
82	04	44.4838	1.73709				
82	05	1.00000	1.00000	47.6264	1.68447	46.0010	1.62016
83	08	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000

Overall Standard Deviation: 1.37778

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Victorville

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: 03 Method Code: 11 Unit: pphm							
73	10	2.08911	2.13940				
73	11	1.18389	1.33490				
73	12	0.78863	1.03540	1.36373	1.67575	1.36373	1.67575
74	01	1.03221	1.26128				
74	02	1.73214	1.61300				
74	03	3.11970	2.25070	1.76385	1.83690		
74	04	1.88058	1.72584				
74	05	2.81511	1.96375				
74	06	4.06338	2.65882	2.92544	2.32751		
74	07	3.86639	2.39315				
74	08	5.47222	3.33894				
74	09	3.22618	2.52199	4.17540	2.92959		
74	10	1.49931	1.90449				
74	11	0.32006	0.69490				
74	12	0.33931	0.58353	0.72292	1.34006	2.41323	2.55682
75	01	0.41403	0.76455				
75	02	0.45525	1.19550				
75	03	2.54630	1.96043	1.11023	1.69400		
75	04	2.38953	1.38804				
75	05	2.50844	1.81328				
75	06	4.46839	2.86199	3.12187	2.31050		
75	07	4.82533	2.89038				
75	08	3.91176	2.80288				
75	09	2.65423	2.33036	3.79314	2.82693		
75	10	2.03146	1.81933				
75	11	0.67914	0.96438				
75	12	0.68923	1.12992	1.14233	1.50390	2.26884	2.45542
76	01	1.73793	1.13350				
76	02	2.39941	1.70148				
76	03	2.97808	1.94353	2.37260	1.70585		
76	04	2.56522	1.73980				
76	05	3.78042	2.22493				
76	06	3.67523	2.69845	3.34980	2.31796		
76	07	4.30152	2.42170				
76	08	3.60669	2.85377				
76	09	2.54186	2.16087	3.51264	2.60321		
76	10	1.15205	1.67060				
76	11	0.51974	1.06754				
76	12	0.39081	0.76966	0.69215	1.27608	2.49940	2.32833
77	01	0.45959	0.72453				
77	02	0.86808	1.19291				
77	03	1.59332	1.40791	1.00204	1.25130		
77	04	3.20301	3.12637				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Victorville

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: 03 (continued) Method Code: 11 Unit: pphm							
77	05	4.75900	2.56890				
77	06	5.90341	3.82241	4.74770	3.38543		
77	07	4.63019	3.32899				
77	08	5.54482	3.82049				
77	09	2.76835	2.37534	4.32942	3.43462		
77	10	1.87815	2.15735				
77	11	1.23782	1.69670				
77	12	0.38532	0.77765	1.18925	1.77185	2.82656	3.16333

Overall Standard Deviation: 2.10194

Parameter: NO Method Code: 11 Unit: pphm

73	10	2.16926	1.49937				
73	11	3.01732	2.32401				
73	12	3.34063	3.58395	2.84831	2.72033	2.84831	2.72033
74	01	5.41474	6.37855				
74	02	4.33939	5.47001				
74	03	6.10236	7.19266	5.15637	6.28052		
74	04	6.32193	5.51037				
74	05	3.37879	2.89558				
74	06	2.42380	2.05033	4.06534	4.15817		
74	07	1.61677	1.72463				
74	08	3.48233	3.20094				
74	09	2.73011	2.44895	2.51676	2.56377		
74	10	3.13229	3.27572				
74	11	8.01765	7.64259				
74	12	5.58765	4.99793	5.55219	5.91910	4.35411	5.09503
75	01	7.70000	7.37737				
75	02	4.00555	4.03618				
75	03	2.12462	1.54476	4.66774	5.54467		
75	04	2.11704	1.82456				
75	05	1.79664	1.24364				
75	06	2.32551	2.02194	2.07825	1.73980		
75	07	2.46871	1.66995				
75	08	2.50000	3.11140				
75	09	3.21697	3.57235	2.71703	2.88289		
75	10	2.74753	2.59503				
75	11	3.18300	3.58604				
75	12	3.74789	3.31256	3.22669	3.21399	3.15706	3.70562
76	01	3.71000	3.25900				
76	02	1.83184	1.75045				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Victorville

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO (continued) Method Code: 11 Unit: pphm							
76	03	1.61560	0.87735	2.38660	2.38589		
76	04	1.03639	1.02170				
76	05	1.53165	1.69632				
76	06	1.30757	1.39758	1.29438	1.41746		
76	07	1.17902	1.08018				
76	08	1.71289	1.84844				
76	09	2.25723	1.56699	1.69186	1.58979		
76	10	3.63587	2.29961				
76	11	5.14309	4.16053				
76	12	6.91362	6.19738	5.34936	4.83252	2.60624	3.21757

Overall Standard Deviation: 3.63109

Parameter: NO Method Code: 99 Unit: pphm

77	01	6.05892	5.80423				
77	02	9.84007	7.56385				
77	03	11.4992	9.21462	9.02043	7.96535		
77	04	2.32337	2.31599				
77	05	0.81509	1.00950				
77	06	1.65231	1.50410	1.46140	1.66889		
77	07	1.68722	1.90987				
77	08	2.08794	2.15340				
77	09	1.98253	2.55259	1.92137	2.22679		
77	10	2.70804	3.15570				
77	11	3.24805	3.94287				
77	12	2.41946	3.59105	2.79160	3.57809	3.72087	5.40343

Overall Standard Deviation: 4.34801

Parameter: NO2 Method Code: 11 Unit: pphm

73	10	2.07899	1.12613				
73	11	2.73296	1.80726				
73	12	2.70497	2.01547	2.50449	1.72465	2.50449	1.72465
74	01	4.96648	2.27458				
74	02	5.14307	2.98360				
74	03	4.63605	2.91624	4.92810	2.73239		
74	04	3.98008	2.99090				
74	05	3.95909	2.25865				
74	06	3.91449	2.48653	3.95129	2.60296		

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Victorville

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO2 (continued) Method Code: 11 Unit: pphm							
74	07	2.83458	2.42211				
74	08	3.55925	4.01367				
74	09	2.64587	2.36729	2.96152	2.94067		
74	10	2.50498	1.85965				
74	11	2.77093	2.27850				
74	12	1.50000	1.26945	2.25577	1.92449	3.52449	2.75631
75	01	2.79136	2.69072				
75	02	3.66022	3.09873				
75	03	2.29135	2.33191	2.89903	2.77286		
75	04	1.77959	2.21849				
75	05	2.97706	2.77504				
75	06	2.87443	3.04924	2.53641	2.75253		
75	07	3.60262	3.51310				
75	08	3.85312	3.91068				
75	09	2.65581	2.40780	3.38235	3.38809		
75	10	2.01831	1.46360				
75	11	1.36888	1.09542				
75	12	1.17324	0.86108	1.52129	1.22166	2.56847	2.73054
76	01	2.33238	1.25673				
76	02	1.47704	1.18120				
76	03	2.22006	1.18524	2.01814	1.26501		
76	04	1.14847	0.92334				
76	05	1.50281	1.02294				
76	06	1.56575	1.01646	1.40429	1.00497		
76	07	1.57063	1.17704				
76	08	1.97479	1.39099				
76	09	1.32331	0.96434	1.62990	1.22410		
76	10	1.35986	1.12883				
76	11	1.68687	1.22492				
76	12	1.68208	0.94268	1.58673	1.10590	1.66336	1.17849
77	01	1.46648	1.21800				
77	02	1.67987	1.15562				
77	03	1.18706	1.33750	1.43514	1.25811		
77	04	1.14572	1.16389				
77	05	0.76028	0.82786				
77	06	0.67765	0.80926	0.83914	0.94857		
77	07	1.18373	1.17376				
77	08	0.72340	0.92247				
77	09	0.81686	0.98823	0.90978	1.05318		
77	10	1.15656	1.16785				
77	11	0.85736	0.75271				
77	12	0.45787	0.70047	0.83762	0.95343	1.00779	1.09153

Overall Standard Deviation: 1.95222

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Victorville

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NOX Method Code: 11 Unit: pphm							
73	10	4.23662	1.90455				
73	11	5.45083	3.04106				
73	12	6.04531	4.51006	5.26735	3.46462	5.26735	3.46462
74	01	10.3165	7.38145				
74	02	9.49091	7.27760				
74	03	11.1832	9.13118	10.1932	7.78499		
74	04	10.2902	7.49024				
74	05	7.18556	4.21799				
74	06	6.34107	3.30979	7.95848	5.60428		
74	07	4.44411	3.07267				
74	08	5.75331	5.61125				
74	09	5.39629	3.56698	5.19819	4.27869		
74	10	5.63727	4.17708				
74	11	10.7927	8.62009				
74	12	7.08765	5.44583	7.80904	6.69151	7.71098	6.40286
75	01	10.3392	8.26938				
75	02	7.24769	5.53722				
75	03	4.41186	2.89791	7.37972	6.54323		
75	04	3.89333	3.03792				
75	05	4.89153	3.37557				
75	06	5.22309	3.73520	4.65963	3.43395		
75	07	6.07132	3.52118				
75	08	6.42743	5.78163				
75	09	5.76998	5.02454	6.09133	4.83454		
75	10	4.76197	3.54356				
75	11	4.55188	4.18091				
75	12	4.92113	3.67425	4.74645	3.80774	5.67875	4.89202
76	01	6.04286	3.79079				
76	02	3.30564	2.39397				
76	03	3.81906	1.56699	4.39608	2.97965		
76	04	2.18486	1.42833				
76	05	3.03516	1.91220				
76	06	2.87326	1.74079	2.69829	1.74651		
76	07	2.74965	1.47727				
76	08	3.68767	2.50479				
76	09	3.61576	1.87412	3.33886	2.04766		
76	10	4.94821	2.83269				
76	11	6.82857	4.49139				
76	12	8.59444	6.54408	6.91186	5.20519	4.26954	3.57970
77	01	7.54884	5.93465				
77	02	11.4470	7.91805				
77	03	12.6411	9.74197	10.4265	8.27765		
77	04	3.76053	3.13513				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Victorville

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NOX (continued) Method Code: 11 Unit: pphm							
77	05	1.53723	1.40399				
77	06	2.35566	1.89825	2.33984	2.24696		
77	07	2.85022	2.52771				
77	08	2.81162	2.64868				
77	09	2.80523	3.12055	2.82217	2.77589		
77	10	3.86460	3.89390				
77	11	4.07538	4.33094				
77	12	2.88712	3.88140	3.62425	4.06813	4.70896	5.82425

Overall Standard Deviation: 4.64040

Parameter: CO Method Code: 11 Unit: ppm

77	01	0.09078	0.35394				
77	02	0.12913	0.50457				
77	03	0.05850	0.26287	0.09135	0.38242		
77	04	0.02810	0.17512				
77	05	0.07130	0.28458				
77	06	0.31760	0.50992	0.15019	0.38642		
77	07	0.15245	0.40025				
77	08	0.11783	0.35559				
77	09	0.45403	0.88015	0.22655	0.58639		
77	10	0.61744	1.14076				
77	11	0.79539	1.80145				
77	12	0.84227	1.57900	0.74791	1.52995	0.30879	0.91447

Overall Standard Deviation: 0.86846

Parameter: CO Method Code: 12 Unit: ppm

73	10	1.58939	1.17622				
73	11	1.42163	1.24387				
73	12	1.36098	1.48405	1.48703	1.25336	1.48703	1.25336
74	01	1.73298	1.60161				
74	02	1.45238	1.30257				
74	03	1.08135	1.16550	1.33861	1.31305		
74	04	0.70310	0.94472				
74	05	0.56181	0.80509				
74	06	0.99569	1.08819	0.75107	0.96777		
74	07	0.43169	0.75034				
74	08	0.54507	1.00866				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Victorville

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: CO (continued) Method Code: 12 Unit: ppm							
74	09	0.30254	0.75365	0.43054	0.84110		
74	10	0.43143	0.86888				
74	11	0.96199	1.35662				
74	12	0.60096	1.02273	0.66484	1.12441	0.77458	1.10960
75	01	0.35305	0.74680				
75	02	0.56810	1.07936				
75	03	0.10704	0.35781	0.32596	0.78759		
75	04	0.04143	0.23861				
75	05	0.10912	0.37996				
75	06	0.07737	0.33530	0.07634	0.32504		
75	07	0.12885	0.45274				
75	08	0.24128	0.66145				
75	09	0.58009	0.95476	0.31403	0.74159		
75	10	0.43176	0.85664				
75	11	0.43678	1.24382				
75	12	0.82985	1.45666	0.56734	1.22476	0.32136	0.85454
76	01	1.94421	1.23030				
76	02	1.50443	1.22353				
76	03	1.69399	1.23639	1.71791	1.24262		
76	04	0.34582	0.81915				
76	05	0.35245	0.90066				
76	06	0.29938	0.54464	0.33349	0.77573		
76	07	0.17313	0.43648				
76	08	0.05000	0.21810				
76	09	0.07601	0.28684	0.10033	0.33195		
76	10	0.10957	0.42548				
76	11	0.37067	0.85558				
76	12	0.34290	1.04431	0.26815	0.82014	0.61223	1.07789

Overall Standard Deviation: 0.92944

Parameter: TSP Method Code: 91 Unit: ug/m3

76	01	71.0274	1.54541		
76	02	47.0054	2.16877		
76	03	118.155	1.56228	75.3865	1.86784
76	04	101.356	1.21734		
76	05	117.718	1.29567		
76	06	90.6256	1.20238	101.661	1.25181
76	07	98.5137	1.20196		
76	08	74.8857	1.42440		
76	09	96.3215	1.20009	90.3604	1.28995

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Victorville

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: TSP (continued) Method Code: 91 Unit: ug/m3							
76	10	84.4889	1.63961				
76	11	111.871	1.42331				
76	12	119.742	1.15929	104.213	1.43705	91.2446	1.51929
77	01	57.1872	1.50279				
77	02	87.3247	1.18071				
77	03	88.2428	1.52115	73.9803	1.49705		
77	04	101.978	1.45049				
77	05	47.8814	1.26320				
77	06	68.7522	1.23571	67.9004	1.51218		
77	07	72.7229	1.18326				
77	08	63.5758	1.46132				
77	09	75.4039	1.25571	70.2161	1.30995		
77	10	89.7931	1.39369				
77	11	86.3896	1.23135				
77	12	86.5726	1.87881	87.6563	1.50409	74.3215	1.46693

Overall Standard Deviation: 1.26632

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Victorville - Fairgrounds

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: 03 Method Code: 11 Unit: pphm							
78	01	0.71597	0.92932				
78	02	1.37304	1.21556				
78	03	1.47639	1.25120	1.21096	1.19620		
78	04	2.26716	1.76471				
78	05	3.61364	2.55158				
78	06	4.61782	2.81321	3.50648	2.60362		
78	07	6.18271	3.17441				
78	08	5.89392	3.32325				
78	09	2.28654	2.43086	4.81324	3.48475		
78	10	1.07064	1.43630				
78	11	0.50870	0.94742				
78	12	0.24162	0.53572	0.60949	1.09889	2.55440	2.89544
79	01	0.76462	0.84360				
79	02	0.94546	0.96606				
79	03	1.58402	1.33617	1.11583	1.13966		
79	04	2.53779	2.06129				
79	05	4.73259	2.88425				
79	06	5.97644	3.95767	4.41343	3.36914		
79	07	4.98813	2.82367				
79	08	4.97878	3.18252				
79	09	4.26687	2.93126	4.75357	3.00406		
79	10	3.30460	2.58536				
79	11	1.27547	1.37460				
79	12	0.83148	1.06720	1.79346	2.09014	3.02924	3.00880
80	01	1.42302	1.48977				
80	02	1.22337	1.17459				
80	03	1.90141	1.54532	1.52017	1.44410		
80	04	2.84857	2.16354				
80	05	3.91653	2.52576				
80	06	6.99856	3.23042	4.59990	3.21587		
80	07	6.44170	3.81649				
80	08	6.14023	3.21104				
80	09	4.42318	2.76966	5.67084	3.41413		
80	12	0.86197	1.14065	0.86197	1.14065	3.62215	3.31831

Overall Standard Deviation: 2.31567

Parameter: 03 Method Code: 14 Unit: pphm

80	10	3.29212	2.50230				
80	11	1.75702	1.81839				
80	12	0.86338	1.14144	1.98656	2.16010	1.98656	2.16010

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Victorville - Fairgrounds (continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: 03 (continued) Method Code: 14 Unit: pphm							
81	01	1.39695	1.53570				
81	02	2.23249	1.75930				
81	03	2.72409	1.96343	2.19505	1.86125		
81	04	4.39971	2.47072				
81	05	5.29904	2.52319				
81	06	6.15217	3.70169	5.28267	3.02854		
81	07	6.19892	2.97226				
81	08	6.32775	3.40062				
81	09	4.89474	2.64422	5.83357	3.09460		
81	10	2.26361	1.90728				
81	11	1.51187	1.64737				
81	12	0.94445	1.16587	1.57280	1.69097	3.76544	3.13428
82	01	1.35593	1.24978				
82	02	1.47003	1.37107				
82	03	1.99270	1.43523	1.60681	1.38059		
82	04	3.61550	2.30788				
82	05	5.37037	2.33613				
82	06	6.61061	2.69235	5.18377	2.73445		
82	07	6.27260	3.16736				
82	08	5.69109	2.82145				
82	09	3.41026	1.92925	5.90922	3.01560		
82	10	3.32148	3.24176				
82	11	2.17120	2.01066				
82	12	1.50495	1.57653	2.33710	2.51277	3.58826	3.02565
83	01	1.71651	1.69352				
83	02	2.58979	1.80614				
83	03	3.34087	1.50677	2.53855	1.80047		
83	04	3.59712	1.54248				
83	05	6.04155	2.62199				
83	06	7.14686	2.74838	5.53288	2.77294		
83	07	7.05255	2.66238				
83	08	6.33807	3.15718				
83	09	5.77259	3.27490	6.40180	3.07872		
83	11	3.30550	1.78746	3.30550	1.78746	4.76587	3.04370

Overall Standard Deviation: 2.34483

Parameter: NO Method Code: 14 Unit: pphm

79	01	1.06657	2.53041		
79	02	1.16000	2.06891		
79	03	0.78003	1.20660	0.99009	2.00818

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Victorville - Fairgrounds (continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO (continued) Method Code: 14 Unit: pphm							
79	04	1.05342	0.91831				
79	05	1.13830	1.29709				
79	06	1.12213	1.16953	1.10489	1.13761		
79	07	1.96214	3.45385				
79	08	0.80801	0.82491				
79	09	0.75325	0.85587	1.18551	2.20578		
79	10	1.32948	2.08602				
79	11	2.38691	3.40495				
79	12	2.23636	2.84904	1.98248	2.87244	1.33047	2.20393
82	03	0.44132	1.43696	0.44132	1.43696		
82	04	0.27246	0.59283				
82	05	0.21067	0.51749				
82	06	0.11887	0.34176	0.20068	0.49918		
82	07	0.10296	0.34748				
82	08	0.43834	0.88278				
82	09	0.92741	0.81478	0.48323	0.79323		
82	10	1.73706	1.89151				
82	11	2.32287	2.53368				
82	12	2.43503	3.01106	2.16061	2.53639	0.90980	1.76975
83	01	2.70429	3.55818				
83	02	1.03098	1.72779				
83	03	0.30197	0.78251	1.38711	2.59411		
83	04	0.25678	0.77807				
83	05	0.21585	0.59856				
83	06	0.21037	0.62797	0.22755	0.67193		
83	07	0.24656	0.92986				
83	08	0.85977	0.67279				
83	09	0.32072	0.66255	0.48088	0.81947		
83	10	0.77331	1.50310	0.77331	1.50310	0.68911	1.64796

Overall Standard Deviation: 1.75846

Parameter: NO Method Code: 98 Unit: pphm

80	01	1.51520	2.38491				
80	02	2.24444	3.04532				
80	03	1.19106	2.22995	1.65509	2.61625		
80	04	0.83262	1.51185				
80	05	0.60679	1.56026				
80	06	0.25637	0.51995	0.56439	1.31010		
80	07	0.33932	0.89248			1.00683	2.03324
				0.33932	0.89248		

Overall Standard Deviation: 1.92454

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Victorville - Fairgrounds

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO2 Method Code: 14 Unit: pphm							
80	01	0.31404	0.53413				
80	02	0.68593	1.04172				
80	03	1.51310	1.73211	0.82481	1.29416		
80	04	1.73677	1.87104				
80	05	2.33333	1.17574				
80	06	2.82720	1.46588	2.30099	1.59226		
80	07	2.75584	1.56674			1.72017	1.66712
				2.75584	1.56674		

Overall Standard Deviation: 1.39942

Parameter: NO2 Method Code: 98 Unit: pphm							
79	01	0.43722	0.72628				
79	02	0.18364	0.38754				
79	03	0.22543	0.52552	0.28817	0.58377		
79	04	0.57903	1.34319				
79	05	1.62766	1.89690				
79	06	1.14592	1.20595	1.10891	1.54463		
79	07	1.04890	1.11961				
79	08	0.64976	0.93830				
79	09	1.47078	1.37544	1.05750	1.20502		
79	10	1.98844	1.87678				
79	11	1.24040	1.35997				
79	12	0.63485	0.97230	1.29781	1.55674	0.94233	1.34541
82	03	1.53577	1.24062	1.53577	1.24062		
82	04	1.89894	1.02405				
82	05	1.67556	0.84365				
82	06	1.89088	0.92133	1.81849	0.93595		
82	07	2.26279	0.91641				
82	08	2.16090	1.29514				
82	09	1.88889	1.04119	2.10617	1.10310		
82	10	2.32168	1.40129				
82	11	2.08859	1.14102				
82	12	1.90382	1.04533	2.10584	1.21908	1.96872	1.12247
83	01	2.09900	1.13852				
83	02	2.03993	1.01646				
83	03	1.56621	0.73809	1.90000	1.00947		
83	04	1.63909	1.03212				
83	05	1.99863	1.11896				
83	06	2.33911	1.07205	1.99104	1.11186		
83	07	2.31489	1.14073				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Victorville - Fairgrounds (continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO2 (continued) Method Code: 98 Unit: pphm							
83	08	1.97447	1.34816				
83	09	2.30514	1.18255	2.19275	1.23911		
83	10	2.36629	1.35394	2.36629	1.35394	2.06017	1.15801

Overall Standard Deviation: 1.15531

Parameter: NOX Method Code: 14 Unit: pphm

79	01	1.49704	3.01674				
79	02	1.33636	2.00672				
79	03	1.00289	1.37682	1.27282	2.25563		
79	04	1.59802	1.90532				
79	05	2.68972	2.32398				
79	06	2.23782	1.90390	2.16640	2.08508		
79	07	2.92633	3.48208				
79	08	1.40753	1.16473				
79	09	2.19318	1.67527	2.18660	2.42893		
79	10	3.28902	3.00896				
79	11	3.60598	4.08664				
79	12	2.85325	3.14420	3.25729	3.46683	2.24005	2.73166
80	01	1.66715	2.30357				
80	02	2.93037	3.66184				
80	03	2.70416	3.18154	2.42432	3.14166		
80	04	2.56939	2.66447				
80	05	2.93918	2.05325				
80	06	3.08357	1.62606	2.86506	2.16498		
80	07	3.09515	2.00447			2.70282	2.62644
				3.09515	2.00447		
82	03	1.97678	2.17341	1.97678	2.17341		
82	04	2.17411	1.25369				
82	05	1.88780	1.02293				
82	06	2.00895	1.01406	2.02092	1.10679		
82	07	2.36917	1.05423				
82	08	2.60268	1.71646				
82	09	2.81509	1.32435	2.59222	1.39799		
82	10	4.05865	2.64060				
82	11	4.41379	3.13025				
82	12	4.33757	3.54887	4.26638	3.12917	2.87964	2.30155
83	01	4.80373	4.20427				
83	02	3.07254	2.35329				
83	03	1.86818	1.10010	3.28601	3.15570		
83	04	1.89586	1.51063				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Victorville - Fairgrounds (continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NOX (continued) Method Code: 14 Unit: pphm							
83	05	2.21811	1.44035				
83	06	2.54978	1.34591	2.21997	1.45790		
83	07	2.56011	1.65690				
83	08	2.83451	1.46906				
83	09	2.62007	1.45398	2.67409	1.53698		
83	10	3.14791	2.24160	3.14791	2.24160	2.75105	2.21705

Overall Standard Deviation: 2.33942

Parameter: CO Method Code: 11 Unit: ppm

78	01	0.77868	0.96766				
78	02	0.80666	0.96314				
78	03	0.37500	0.68233	0.64010	0.89517		
78	04	0.18333	0.41376				
78	05	0.41945	0.67962				
78	06	0.18156	0.50841	0.26236	0.55781		
78	07	0.21063	0.45392				
78	08	0.11299	0.31681				
78	09	0.37429	1.10399	0.23434	0.74110		
78	10	0.39503	0.82074				
78	11	0.68659	1.14217				
78	12	1.29137	1.38996	0.78885	1.19913	0.48670	0.91748
79	01	1.43534	1.24374				
79	02	1.33212	1.01141				
79	03	1.13398	1.08810	1.29573	1.13275		
79	04	2.05693	1.67139				
79	05	3.06285	0.74060				
79	06	2.66855	0.67764	2.60379	1.19004		
79	07	0.83953	0.87236				
79	08	0.08848	0.32570				
79	09	3.81890	0.78090	0.73026	1.21583		
79	10	2.84325	0.92845				
79	11	1.93948	0.75158				
79	12	2.39496	0.95379	2.39151	0.95599	1.85432	1.34475
80	01	2.50419	0.87625				
80	02	2.96000	1.45881				
80	03	3.37276	2.37061	2.94593	1.76309		
80	05	2.44776	0.76060				
80	06	2.70707	0.59809	2.64877	0.64691		
80	07	3.03467	1.14026				
80	08	2.91963	0.92088				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Victorville - Fairgrounds (continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: CO (continued) Method Code: 11 Unit: ppm							
80	09	2.90523	1.04071	2.95470	1.04289		
80	10	3.04177	1.33159				
80	11	2.46367	0.98930	2.79315	1.22945	2.88238	1.31467
81	02	1.41855	0.74317				
81	03	1.38110	1.14233	1.39618	1.00076		
81	04	1.21369	0.68786				
81	05	1.47455	1.22299				
81	06	3.66806	1.43237	2.17348	1.61325		
81	07	4.89587	0.65413				
81	08	2.67397	1.43176				
81	09	0.70072	0.53380	2.66059	1.94086		
81	10	0.96691	0.73040				
81	11	1.37630	1.00327				
81	12	0.97293	0.97945	1.10232	0.93132	1.88334	1.60991
82	01	0.84903	0.95845				
82	02	0.75566	0.74244				
82	03	0.60611	0.68276	0.73205	0.80505		
82	04	0.57819	0.68857				
82	05	0.69803	0.60481				
82	06	0.79300	0.60718	0.68780	0.64068		
82	07	0.75424	0.56942				
82	08	0.85536	0.64556				
82	09	0.54766	0.59030	0.72233	0.61434		
82	10	0.77350	0.62324				
82	11	1.32083	0.95396	1.02030	0.83505	0.76429	0.72518

Overall Standard Deviation: 0.96787

Parameter: TSP Method Code: 91 Unit: ug/m3

78	01	37.9236	1.66910				
78	02	45.7176	1.49497				
78	03	46.4492	1.67668	43.5866	1.56550		
78	04	38.7034	1.81861				
78	05	87.1668	1.27652				
78	06	74.9694	1.20277	63.2404	1.66869		
78	07	101.333	1.16480				
78	08	113.937	1.84945				
78	09	63.2035	1.34032	87.4180	1.53116		
78	10	87.5970	1.35686				
78	11	50.3939	1.23475				
78	12	55.4977	1.51821	63.5470	1.48393	63.2802	1.65288

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Victorville - Fairgrounds (continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: TSP (continued) Method Code: 91 Unit: ug/m3							
79	01	35.0574	1.51712				
79	02	35.9328	2.19098				
79	03	52.4321	1.57817	40.4225	1.76260		
79	04	108.086	2.15818				
79	05	83.5605	1.32071				
79	06	103.832	1.06542	97.8816	1.57444		
79	07	89.9487	1.40626				
79	08	123.152	1.40425				
79	09	105.451	1.56844	106.351	1.45653		
79	10	97.8832	1.28156				
79	11	74.6386	1.43420				
79	12	86.9392	1.40664	85.9599	1.37453	77.9541	1.77755
80	01	45.3409	1.79705				
80	02	43.9666	1.41686				
80	03	51.5957	1.22078	46.8535	1.47180		
80	04	130.123	1.58973				
80	05	69.5166	1.17163				
80	06	76.7358	1.20348	88.5414	1.49093		
80	07	82.8868	1.26678				
80	08	124.933	1.60237				
80	09	88.0805	1.06005	96.9797	1.40472		
80	10	103.296	1.21669				
80	11	94.1395	1.10464				
80	12	69.4563	1.50896	88.3583	1.32383	76.2749	1.59045
81	01	64.2423	1.47349				
81	02	48.5596	1.31380				
81	03	50.8146	1.93056	54.1204	1.57086		
81	04	77.4547	1.44057				
81	05	87.7693	1.29456				
81	06	78.2377	1.14700	81.0218	1.29276		
81	07	91.1832	1.16315				
81	08	91.9730	1.41414				
81	09	87.8466	1.17445	90.3165	1.24677		
81	10	71.0756	1.17194				
81	11	87.6118	1.49517				
81	12	64.2648	1.58364	73.5254	1.42339	73.4595	1.45745
82	01	59.4180	1.27304				
82	02	52.8154	1.32949				
82	03	35.5434	2.34972	47.4185	1.75294		
82	04	54.5161	1.60330				
82	05	74.7990	1.12208				
82	06	85.1939	1.21185	70.2980	1.40508		
82	07	72.8531	1.23505				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Victorville - Fairgrounds (continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: TSP (continued) Method Code: 91 Unit: ug/m3							
82	08	85.1153	1.84545				
82	09	52.2069	1.29874	68.6638	1.53576		
82	10	63.3031	1.41506				
82	11	61.7360	2.01467				
82	12	40.6002	1.46802	51.2724	1.60523	59.0197	1.61028
83	01	58.8185	1.31427				
83	02	64.6237	1.72771				
83	03	30.0681	2.59800	46.1160	2.08944		
83	04	43.1015	1.56806				
83	05	73.8582	1.45951				
83	06	94.4266	1.24796	66.5222	1.62103		
83	07	98.5481	1.22628				
83	08	60.6967	1.39580	79.4512	1.42964	60.0380	1.83177

Overall Standard Deviation: 1.33349

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Trona - Market St.

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev

Parameter: 03 Method Code: 11 Unit: pphm

78	01	0.55251	0.70542	0.55251	0.70542	0.55251	0.70542
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Overall Standard Deviation: 0.70542

Parameter: 03 Method Code: 14 Unit: pphm

79	09	3.65794	1.86834	3.65794	1.86834		
79	10	2.72542	1.76243				
79	11	0.58625	1.03651				
79	12	0.37178	0.67177	1.12745	1.57576	1.76495	1.98568
80	01	0.68710	0.63060				
80	02	0.98102	0.87589				
80	03	1.78912	0.91484	1.22134	0.95851		
80	04	1.68355	0.97994				
80	05	4.24246	1.89725				
80	06	6.45506	1.44208	3.91949	2.41137		
80	07	5.34160	1.55065				
80	08	5.19676	1.46910				
80	09	3.42256	1.99784	4.69292	1.88306		
80	10	3.04768	1.86492				
80	11	2.37307	1.63647				
80	12	1.29229	0.54208	2.23422	1.63319	3.04715	2.25537
81	01	0.91828	0.84776				
81	02	1.06897	1.17457				
81	03	1.92904	1.10741	1.27569	1.13271		
81	04	3.52516	1.36006				
81	05	3.34739	1.74733				
81	06	4.49645	1.35964	3.87600	1.54601		
81	07	6.43001	1.82779				
81	08	8.29330	1.91134				
81	09	6.43266	1.79929	6.83647	1.98948		
81	10	4.66310	1.18723				
81	11	2.52301	1.13038				
81	12	1.63575	0.92135	2.99303	1.63867	3.61743	2.56215
82	01	2.95617	1.33606				
82	02	3.66438	0.93423				
82	03	4.53417	1.39853	3.79108	1.52836		
82	04	5.65647	1.17116				
82	05	6.79562	1.43716	6.08288	1.39064		
82	07	4.84267	1.61360				
82	08	3.74772	1.36276				
82	09	2.43979	1.67278	3.75332	1.76863		

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Trona - Market St.

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: 03 (continued) Method Code: 14 Unit: pphm							
82	10	2.11332	1.46441				
82	12	1.02746	1.37112	1.60851	1.52086	3.87234	2.12466
83	01	0.70678	0.93400				
83	02	1.83586	1.07719				
83	03	2.83281	0.90834	1.73075	1.33937		
83	04	2.87441	1.07863				
83	05	4.84980	1.00058				
83	06	5.51464	1.24357	4.31254	1.67648		
83	07	4.58594	1.24676				
83	08	4.22821	1.27129				
83	09	3.24794	2.00116	4.13711	1.58359		
83	10	2.69958	1.33457	2.69958	1.33457	3.21616	1.89204

Overall Standard Deviation: 1.36484

Parameter: SO2 Method Code: 14 Unit: pphm

78	01	0.85647	1.05759	0.85647	1.05759	0.85647	1.05759
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Overall Standard Deviation: 1.05759

Parameter: SO2 Method Code: 20 Unit: pphm

80	10	0.27419	1.25425				
80	11	0.15989	0.54794				
80	12	0.15343	0.51462	0.18647	0.78234	0.18647	0.78234
81	01	0.09903	0.34912				
81	02	0.01443	0.11939				
81	03	0.0000	0.0000	0.03686	0.21532		
81	04	0.0000	0.0000				
81	05	0.0000	0.0000				
81	06	0.19894	0.39956	0.06651	0.24924		
81	07	0.01357	0.11577				
81	08	0.0000	0.0000				
81	09	0.0000	0.0000	0.00455	0.06728		
81	10	0.00404	0.06346				
81	11	0.01671	0.12828				
81	12	0.00465	0.06812	0.00899	0.09441	0.02724	0.17066
82	01	0.09820	0.29779				
82	02	0.0000	0.0000				
82	03	0.0000	0.0000	0.03506	0.18398		

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Trona - Market St.

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: SO2 (continued) Method Code: 20 Unit: pphm							
82	04	0.0000	0.0000				
82	05	0.0000	0.0000	0.0000	0.0000		
82	07	0.0000	0.0000				
82	08	0.04776	0.21342				
82	09	0.0000	0.0000	0.01892	0.13630		
82	10	0.02429	0.17850				
82	11	0.01418	0.11836				
82	12	0.0000	0.0000	0.01164	0.11765	0.01786	0.13462
83	01	0.00540	0.07332				
83	02	0.0000	0.0000				
83	03	0.0000	0.0000	0.00195	0.04415		
83	04	0.04177	0.20031				
83	05	0.00140	0.03745				
83	06	0.01451	0.34493	0.01548	0.23467		
83	07	0.00693	0.08304				
83	08	0.00156	0.03944				
83	09	0.00437	0.06603	0.00439	0.06613		
83	10	0.02110	0.22102	0.02110	0.22102	0.00846	0.14930

Overall Standard Deviation: 0.26753

Parameter: NO Method Code: 14 Unit: pphm

82	01	1.11111	1.49418				
82	02	0.53571	1.14468				
82	03	0.17364	1.08530	0.56745	1.30031		
82	04	0.06119	0.40327				
82	05	0.07027	0.61811	0.06631	0.53499		
82	07	0.13820	0.73641				
82	08	0.21144	0.53717				
82	09	0.35250	0.86940	0.23592	0.73972		
82	10	0.52687	1.04389				
82	11	0.80303	1.39739				
82	12	0.82788	1.51449	0.71785	1.34081	0.42202	1.09382
83	01	1.11712	1.70575				
83	03	0.00412	0.06415	0.64813	1.40944		
83	04	0.03519	0.22721				
83	05	0.16971	0.82997				
83	06	0.0000	0.0000	0.07239	0.51767		
83	07	0.17747	0.73368				
83	08	0.11598	0.51119				
83	09	0.05505	0.30580	0.12520	0.57436		

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Trona - Market St.

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev

Parameter: NO (continued) Method Code: 14 Unit: pphm

83	10	0.20548	0.82939	0.20548	0.82939	0.22210	0.85653
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Overall Standard Deviation: 0.93565

Parameter: NO Method Code: 98 Unit: pphm

79	09	0.55853	1.18894	0.55853	1.18894		
79	10	0.77621	1.25008				
79	11	1.05217	1.75506	0.84925	1.40574	0.71863	1.32031
81	03	0.56774	0.80467	0.56774	0.80467		
81	04	0.69065	0.81073				
81	05	0.56726	0.87485				
81	06	0.31726	0.70741	0.51652	0.81362		
81	07	0.27577	0.48607				
81	08	0.74459	1.10891				
81	09	0.28702	0.59290	0.45187	0.82700		
81	10	0.56264	1.11257	0.56264	1.11257	0.49629	0.85381

Overall Standard Deviation: 0.97784

Parameter: NO2 Method Code: 14 Unit: pphm

79	09	0.88873	0.64854	0.88873	0.64854		
79	10	0.74124	0.83150				
79	11	1.00000	0.69307	0.80247	0.80809	0.83888	0.74593
81	03	1.27097	1.11076	1.27097	1.11076		
81	04	1.51792	1.38815				
81	05	1.21888	1.05270				
81	06	1.50389	1.21436	1.40316	1.22102		
81	07	1.53760	1.16102				
81	08	1.80297	1.35229				
81	09	1.92687	1.22480	1.74177	1.26140		
81	10	2.43517	2.02834	2.43517	2.02834	1.64033	1.36708

Overall Standard Deviation: 1.19705

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Trona - Market St.

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO2 Method Code: 98 Unit: pphm							
82	01	1.49440	1.09210				
82	02	1.22899	0.93588				
82	03	0.44410	0.65870	1.03438	1.01985		
82	04	0.48427	0.74493				
82	05	0.32838	0.74048	0.39634	0.74616		
82	07	0.22360	0.50779				
82	08	0.39373	0.64855				
82	09	0.50758	0.73804	0.37540	0.64972		
82	10	1.03731	0.98726				
82	11	1.26768	1.02945				
82	12	1.05405	0.84727	1.11286	0.95816	0.75616	0.93000
83	01	1.38889	0.90801				
83	03	0.15258	0.41339	0.86794	0.96004		
83	04	0.23201	0.49310				
83	05	0.40813	0.64720				
83	06	0.16337	0.37001	0.27400	0.53298		
83	07	0.62764	0.62628				
83	08	0.46176	0.64738				
83	09	0.20507	0.52369	0.46512	0.63280		
83	10	0.53893	0.74476	0.53893	0.74476	0.48806	0.72732

Overall Standard Deviation: 0.74365

Parameter: NOX Method Code: 14 Unit: pphm

79	09	1.44663	1.49258	1.44663	1.49258		
79	10	1.45540	1.63738				
79	11	3.39286	3.08021	2.40637	2.63741	2.05897	2.33566
81	03	1.83923	1.39349	1.83923	1.39349		
81	04	2.19258	1.58422				
81	05	1.84441	1.48863				
81	06	1.82115	1.52366	1.94414	1.53931		
81	07	1.81337	1.30923				
81	08	2.55196	1.86404				
81	09	2.21389	1.51547	2.19542	1.61869		
81	10	2.99780	2.67596	2.99780	2.67596	2.15094	1.73695
82	01	2.61414	2.26186				
82	02	1.76471	1.63749				
82	03	0.61801	1.50274	1.56780	1.99043		
82	04	0.54545	0.93184				
82	05	0.39865	1.14651	0.46265	1.06041		
82	07	0.36180	1.10189				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Trona - Market St.

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NOX (continued) Method Code: 14 Unit: pphm							
82	08	0.53461	0.87655				
82	09	0.86061	1.29149	0.58699	1.11967		
82	10	1.56418	1.53618				
82	11	2.06891	1.89371				
82	12	1.88193	1.99829	1.83028	1.83111	1.14932	1.67914
83	01	2.50601	2.18831				
83	03	0.15811	0.42267	1.51431	2.04592		
83	04	0.26686	0.57022				
83	05	0.57784	1.16113				
83	06	0.16337	0.37001	0.34633	0.81455		
83	07	0.80536	1.01760				
83	08	0.57627	0.88591				
83	09	0.26147	0.69843	0.58986	0.92374		
83	10	0.74390	1.27511	0.74390	1.27511	0.70987	1.31778

Overall Standard Deviation: 1.53548

Parameter: CO Method Code: 11 Unit: ppm

79	07	0.57838	0.52082				
79	08	0.46930	0.51819				
79	09	0.09777	0.31987	0.38465	0.50687		
79	10	0.83604	0.67235				
79	11	0.68169	0.71461				
79	12	0.42857	0.67859	0.64865	0.70857	0.51647	0.62981
80	01	0.93856	0.81808				
80	02	0.90962	0.48087				
80	03	0.35183	0.48350	0.69952	0.64661		
80	04	0.42157	0.51636				
80	05	0.33875	0.47361				
80	06	0.03916	0.19411	0.26719	0.45086		
80	07	0.55480	0.49732				
80	08	0.36842	0.48270				
80	09	0.20664	0.40891	0.38264	0.48711		
80	10	0.10417	0.37129				
80	11	0.53368	0.66303	0.50080	0.65522	0.44483	0.56893
81	02	0.34036	0.57055				
81	03	0.20758	0.40995	0.27451	0.50165		
81	04	0.01241	0.11081				
81	05	0.01812	0.13350				
81	06	0.26625	0.53292	0.08799	0.32526		
81	07	0.0000	0.0000				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Trona - Market St.

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: CO (continued) Method Code: 11 Unit: ppm							
81	08	0.11828	0.32337				
81	09	0.16975	0.44164	0.11914	0.36242		
81	10	0.03378	0.18079				
81	11	0.06834	0.25251				
81	12	0.24318	0.43476	0.09541	0.29565	0.13482	0.37423
82	01	0.29374	0.51854				
82	02	0.61143	0.54444	0.36341	0.54024	0.36341	0.54024

Overall Standard Deviation: 0.48547

Parameter: TSP Method Code: 91 Unit: ug/m3

76	03	103.571	2.14193	103.571	2.14193		
76	04	121.023	1.53836	121.023	1.53836	111.168	1.83865
78	01	105.344	1.94110				
78	02	91.6421	1.41605				
78	03	103.290	1.70009	99.0937	1.58429		
78	04	98.9320	2.58041				
78	05	91.9402	1.00000	96.5442	2.09905	98.2814	1.71986
79	01	95.3815	1.58512				
79	02	105.246	1.60866				
79	03	147.061	1.00000	108.185	1.65440		
79	04	70.4291	1.16766				
79	05	79.1121	1.44272				
79	06	87.5181	1.26851	80.1481	1.30217		
79	07	78.0171	1.44565				
79	08	80.2893	1.24978				
79	09	156.828	1.40430	101.358	1.57297		
79	10	105.371	1.20503				
79	11	158.602	1.56919				
79	12	243.225	1.39876	164.396	1.60784	111.792	1.65082
80	01	97.6524	1.00000				
80	02	122.820	1.57925				
80	03	83.4606	1.43284	98.8314	1.53438		
80	04	108.634	1.60938				
80	05	92.6217	1.31238				
80	06	96.0791	1.33703	98.3827	1.38761		
80	07	86.3187	1.48823				
80	08	96.9921	1.13699				
80	09	153.908	1.66586	108.038	1.52898		
80	10	183.441	1.64844				
80	11	179.124	1.49602				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Trona - Market St.

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: TSP (continued) Method Code: 91 Unit: ug/m3							
80	12	229.219	1.67023	193.841	1.56348	120.706	1.63287
81	01	187.080	1.89771				
81	02	181.183	1.54040				
81	03	119.776	1.10759	159.528	1.58249		
81	04	115.647	1.63497				
81	05	83.2617	1.24741				
81	06	78.5700	1.29050	91.1197	1.43936		
81	07	79.3677	1.39381				
81	08	99.2631	1.21397				
81	09	109.816	1.28061	95.2868	1.32559		
81	10	122.018	1.65984				
81	11	206.872	1.69896				
81	12	178.333	1.58341	156.676	1.68721	118.472	1.61456
82	01	170.262	1.66509				
82	02	119.157	1.36068				
82	03	73.9820	2.11574	110.713	1.89288		
82	04	54.5852	1.33100				
82	05	77.8789	1.33416				
82	06	114.396	1.31316	78.5799	1.48808		
82	07	68.2860	1.17805				
82	08	81.4321	1.22603				
82	09	84.6222	2.23632	77.7805	1.58812		
82	10	78.3542	1.21902				
82	11	65.8821	2.15254				
82	12	139.035	1.45890	94.1041	1.73198	89.0549	1.68992
83	01	119.079	1.57229				
83	02	203.938	1.62730				
83	03	67.7374	1.91517	104.931	1.96800		
83	04	43.0642	1.30877				
83	05	106.098	1.40935				
83	06	89.8086	1.16293	74.3099	1.60736		
83	07	67.4777	1.23099				
83	08	99.3886	1.47267	81.8934	1.42902	86.2307	1.71919

Overall Standard Deviation: 1.35441

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Lancaster

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: 03		Method Code: 14		Unit: pphm			
78	12	2.51899	1.21222	2.51899	1.21222	2.51899	1.21222
79	05	6.06676	2.39483				
79	06	5.59833	2.58928	5.83040	2.50494		
79	07	6.60647	2.86047				
79	08	6.17520	2.86286				
79	09	4.85164	2.91561	5.89703	2.97147		
79	10	4.14900	2.63148				
79	11	1.69510	1.28857				
79	12	1.27260	1.02597	2.34494	2.17837	4.55226	3.09536
80	01	1.76581	1.12390				
80	02	1.55992	1.21350				
80	03	3.68411	1.91139	2.27654	1.69329		
80	04	4.36066	2.38049				
80	05	4.81241	2.32987				
80	06	6.75000	3.42027	5.32190	2.94524		
80	07	6.50941	3.72651				
80	08	7.34925	3.82553				
80	09	5.16484	3.43403	6.65143	3.79682		
80	10	3.10204	2.68748				
80	11	2.49028	2.43581				
80	12	1.58073	1.66136	2.38960	2.38485	4.11762	3.35429
81	01	1.37466	1.41127				
81	02	2.16816	1.87620				
81	03	2.79376	1.79168	2.10879	1.79774		
81	04	5.73007	2.55661				
81	05	6.63307	2.32339				
81	06	7.41307	3.05345	6.59412	2.74378		
81	07	8.85028	3.69834				
81	08	7.60174	3.74805				
81	09	6.58657	3.12865	7.70039	3.65879		
81	10	3.89332	2.16321				
81	11	2.52797	1.81189				
81	12	2.18973	1.33297	2.89373	1.95256	4.84111	3.55276
82	01	2.46818	1.35907				
82	02	2.73981	1.86970				
82	03	3.63314	1.71103	2.95368	1.72734		
82	04	3.80808	1.88448				
82	05	4.98706	2.33364				
82	06	5.63306	2.58515	4.77332	2.39203		
82	07	5.83286	2.83000				
82	08	5.74189	3.22152				
82	09	3.27086	2.43655	4.96806	3.08540		
82	10	2.36490	2.24956				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Lancaster

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: 03 (continued) Method Code: 14 Unit: pphm							
82	11	1.59794	1.54253				
82	12	1.08857	1.11468	1.69051	1.78738	3.58543	2.68398
83	01	1.41571	1.31135				
83	02	1.99372	1.57015				
83	03	3.15471	1.25988	2.19922	1.56331		
83	04	3.70029	1.57374				
83	05	5.40343	2.45073				
83	06	6.30758	2.78424	5.14017	2.56401		
83	07	6.24718	2.99546				
83	08	4.66478	3.05927				
83	09	4.63742	3.30846	5.18961	3.21034	4.18790	2.90095

Overall Standard Deviation: 2.43733

Parameter: SO2 Method Code: 13 Unit: pphm

77	01	0.49378	0.50462				
77	02	0.40665	0.49702	0.45475	0.50282	0.45475	0.50282

Overall Standard Deviation: 0.50094

Parameter: SO2 Method Code: 15 Unit: pphm

76	01	0.73151	0.44962				
76	02	0.92187	0.26889				
76	03	0.11591	0.32044	0.55452	0.49987		
76	04	0.08997	0.28635				
76	05	0.24620	0.44376				
76	06	0.06877	0.25342	0.15029	0.36380		
76	07	0.86296	0.34413				
76	08	0.94812	0.22198				
76	09	1.00000	0.00000	0.91442	0.27984		
76	10	0.97691	0.16843				
76	11	0.28393	0.47157				
76	12	0.71017	0.47183	0.66731	0.48549	0.56504	0.50166

Overall Standard Deviation: 0.35836

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Lancaster

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO		Method Code: 11		Unit: pphm			
70	12	3.79056	4.29485	3.79056	4.29485	3.79056	4.29485
71	01	4.30389	4.98142				
71	02	2.97473	3.51274				
71	03	1.51681	1.43796	2.89566	3.77226		
71	04	1.42222	1.29588				
71	05	1.17613	0.65653				
71	06	1.19063	0.58775	1.25628	0.89197		
71	07	1.16197	0.49593				
71	08	1.28571	0.86404				
71	09	1.50657	1.19772	1.31651	0.90695		
71	10	2.31466	2.51444				
71	11	3.86927	4.69421				
71	12	3.93430	5.06017	3.34264	4.27613	2.19662	3.05617
72	01	4.58309	5.19680				
72	02	2.76126	2.95303				
72	03	1.97036	2.12369	3.14264	3.86494		
72	04	1.25544	0.86857				
72	05	1.40704	1.14367				
72	06	1.32799	0.88227	1.33093	0.97661		
72	07	1.31786	0.89927				
72	08	1.26124	0.72857				
72	09	1.42174	1.20610	1.33270	0.96411		
72	10	1.86017	2.01169				
72	11	3.13809	3.63103				
72	12	3.71159	4.54579	2.88708	3.62576	2.15612	2.84086
73	01	3.52900	3.97374				
73	02	2.27483	2.35645				
73	03	1.46338	1.20093	2.42850	2.90535		
73	04	1.20961	0.60346				
73	05	1.19638	0.63522				
73	06	1.15994	0.44502	1.18866	0.56818		
73	07	1.14799	0.45757				
73	08	1.19158	0.63904				
73	09	1.46689	1.53906	1.26637	1.00253		
73	10	3.00829	3.76009				
73	11	3.34277	5.40418				
73	12	5.48516	6.94901	3.93363	5.59891	2.22298	3.42286
74	01	2.68323	3.27377				
74	02	2.56173	3.04260				
74	03	1.43964	1.29598	2.21803	2.73057		
74	04	1.31392	0.97451				
74	05	1.08033	0.30104				
74	06	1.10870	0.33829	1.16730	0.62825		

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Lancaster

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO (continued) Method Code: 11 Unit: pphm							
74	07	1.13510	0.41226				
74	08	1.20956	0.60720				
74	09	1.34282	0.86450	1.22816	0.65774		
74	10	2.15070	2.71466				
74	11	4.51555	5.54354				
74	12	4.23147	5.69736	3.60313	4.92892	2.04349	3.00835
75	01	3.66808	5.00198				
75	02	2.52500	3.03800				
75	03	1.43077	1.50504	2.53805	3.61755		
75	04	1.20520	0.72864				
75	05	1.19107	0.62403				
75	06	1.11159	0.35001	1.16960	0.59133		
75	07	1.11437	0.39307				
75	08	1.25175	0.74349				
75	09	1.31880	0.97129	1.22604	0.73971		
75	10	1.77105	1.77153				
75	11	3.78955	4.36997				
75	12	5.17806	5.56722	3.60010	4.45503	2.12646	3.06766
76	01	5.10311	5.07698				
76	02	1.67890	3.00906				
76	03	0.98426	2.05958	2.61960	4.05734		
76	04	0.27193	0.67308				
76	05	0.18582	0.53121				
76	06	0.14244	0.50466	0.20000	0.57632		
76	07	0.12518	0.48912				
76	08	0.18260	0.79519				
76	09	0.58926	1.35198	0.28851	0.95182		
76	10	2.04520	3.49308				
76	11	5.70015	6.72689				
76	12	7.85875	7.79347	5.19638	6.71685	2.09337	4.48060
77	01	5.01173	5.64541				
77	02	3.82243	5.03494				
77	03	1.27234	2.27502	3.33612	4.79700		
77	04	0.82687	1.73762				
77	05	0.09818	0.39150				
77	06	0.17930	0.60285	0.36104	1.12026		
77	07	0.24148	0.85918				
77	08	0.33683	0.78709				
77	09	0.33959	1.02734	0.30337	0.89105		
77	10	1.56012	2.67584				
77	11	4.50000	5.93133				
77	12	3.26132	4.95037	3.10328	4.86574	1.78418	3.78619
78	01	3.07781	4.41364				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Lancaster

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO (continued) Method Code: 11 Unit: pphm							
78	02	2.34219	3.71859				
78	03	0.65645	1.50381	2.06858	3.62946		
78	04	0.57805	0.90732				
78	05	0.37896	1.00886				
78	06	0.16813	0.53250	0.37136	0.85706		
78	07	0.31336	0.78061				
78	08	0.43360	1.10324				
78	09	1.39042	2.61869	0.72926	1.79697		
78	10	2.46328	3.49581				
78	11	5.46784	6.81617				
78	12	6.76554	7.18468	4.89239	6.31686	2.05134	4.22264
79	01	2.95263	3.86679				
79	02	3.12439	4.91944				
79	03	0.72323	1.50391	2.16421	3.79190		
79	04	0.24163	0.72027				
79	05	0.32486	0.89576				
79	06	0.26980	0.86739	0.27925	0.83228		
79	07	0.23836	0.78178				
79	08	0.31276	0.93410				
79	09	0.66812	1.53763	0.40388	1.14270		
79	10	1.24401	2.41546				
79	11	4.47819	6.07235				
79	12	8.05799	8.57929	4.59251	6.82996	1.84847	4.34057
80	01	2.30100	3.75946				
80	02	1.96096	2.96419				
80	03	1.00702	1.69925	1.74892	2.97769		
80	04	0.31857	0.72554				
80	05	0.23034	0.58368				
80	06	0.10709	0.38462	0.21921	0.58848		
80	07	0.13529	0.49279				
80	08	0.16667	0.62064				
80	09	0.48035	1.18511	0.25805	0.83174		
80	10	1.68883	3.05463				
80	11	3.37500	5.00120				
80	12	4.34454	5.37868	3.13798	4.71990	1.34000	3.08288
81	01	2.39512	3.39622				
81	02	1.12136	2.09959				
81	03	0.28795	0.94936	1.30261	2.56275		
81	04	0.17638	0.57543				
81	05	0.02107	0.15318				
81	06	0.05964	0.23706	0.08652	0.38208	0.70550	1.94510

Overall Standard Deviation: 3.11126

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Lancaster

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO		Method Code: 14		Unit: pphm			
81	07	0.09654	0.39937				
81	08	0.24294	0.71379				
81	09	0.39879	1.15430	0.24370	0.81860		
81	10	1.18919	2.71060				
81	11	1.82689	3.53632				
81	12	3.20649	4.92740	2.06706	3.91907	1.14736	2.96299
82	01	2.32203	3.57671				
82	02	1.30990	2.05597				
82	03	0.44444	1.33333	1.83768	2.99759		
82	04	0.34555	0.70906				
82	05	0.33726	0.72844				
82	06	0.62702	0.53035	0.44180	0.67286		
82	07	0.30303	0.59909				
82	08	0.37834	0.72697				
82	09	0.73209	1.44257	0.46383	0.99555		
82	10	1.59467	2.96607				
82	11	2.19905	3.65107				
82	12	4.39538	5.57861	2.73550	4.38975	1.33701	2.89305
83	01	4.12143	5.04212				
83	02	1.61648	2.73577				
83	03	0.19831	0.94425	1.98139	3.74790		
83	04	0.15482	0.64977				
83	05	0.08908	0.46839				
83	06	0.06851	0.36604	0.10273	0.50506		
83	07	0.09859	0.49979				
83	08	0.35037	0.96421				
83	09	0.26833	0.98885	0.23736	0.85059	0.77372	2.39462

Overall Standard Deviation: 2.46456

Parameter: NO2 Method Code: 11 Unit: pphm

70	12	1.83992	1.55049	1.83992	1.55049	1.83992	1.55049
71	01	1.64733	1.06338				
71	02	1.14313	0.57636				
71	03	1.07003	0.45018	1.29056	0.79280		
71	04	0.96455	0.30055				
71	05	1.03309	0.43320				
71	06	1.15035	0.69407	1.04992	0.50717		
71	07	1.08201	0.64456				
71	08	1.23849	0.86333				
71	09	1.38983	1.09599	1.23309	0.89160		

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Lancaster

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO2 (continued) Method Code: 11 Unit: pphm							
71	10	1.62767	1.08748				
71	11	2.06404	1.59073				
71	12	1.67445	1.04041	1.77694	1.26280	1.34612	0.95328
72	01	2.03165	1.45207				
72	02	1.39339	0.89353				
72	03	1.41404	0.89742	1.61583	1.15325		
72	04	1.13101	0.60152				
72	05	1.32113	0.98564				
72	06	1.43825	1.07870	1.29549	0.91933		
72	07	1.28129	0.83728				
72	08	1.25738	0.77268				
72	09	1.20145	0.64765	1.24716	0.75802		
72	10	1.32062	0.80154				
72	11	1.65873	1.13453				
72	12	1.34058	0.73178	1.43244	0.91032	1.39661	0.95552
73	01	1.26023	0.65349				
73	02	1.32242	0.75257				
73	03	1.16197	0.58709	1.24439	0.66651		
73	04	1.11354	0.56777				
73	05	1.28134	0.78973				
73	06	1.17147	0.70106	1.19009	0.69697		
73	07	1.21439	0.73474				
73	08	1.18654	0.74610				
73	09	1.19427	0.75383	1.19989	0.74405		
73	10	1.22238	0.73558				
73	11	1.39470	1.03164				
73	12	1.40862	0.81889	1.33808	0.86894	1.24360	0.75031
74	01	1.70440	1.11003				
74	02	1.38272	0.74291				
74	03	1.33284	0.77206	1.47032	0.90251		
74	04	1.34091	0.91158				
74	05	1.09141	0.59583				
74	06	1.17878	0.75442	1.20293	0.77035		
74	07	1.23235	0.78206				
74	08	1.38928	1.03236				
74	09	1.50946	1.05511	1.37765	0.97188		
74	10	1.44507	0.92555				
74	11	1.94074	1.22270				
74	12	1.78138	1.17718	1.71872	1.13270	1.44149	0.97194
75	01	2.04507	1.15789				
75	02	1.94688	1.11904				
75	03	1.41201	0.89400	1.79526	1.09730		
75	04	1.20954	0.64404				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Lancaster

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO2 (continued) Method Code: 11 Unit: pphm							
75	05	1.27437	0.81045				
75	06	1.15217	0.64991	1.21286	0.70857		
75	07	1.18689	0.66324				
75	08	1.39720	1.02298				
75	09	1.46213	0.95796	1.34488	0.90014		
75	10	1.86357	1.26144				
75	11	2.05797	1.28160				
75	12	2.28348	1.28671	2.06752	1.28750	1.60517	1.07782
76	01	2.17514	1.09795				
76	02	1.49287	1.14899				
76	03	1.47564	1.17487	1.72410	1.18665		
76	04	0.84773	1.00305				
76	05	0.74432	0.89090				
76	06	0.49265	0.85981	0.69569	0.93122		
76	07	0.31624	0.64739				
76	08	0.25424	0.62958				
76	09	1.41232	0.99793	0.63436	0.92835		
76	10	1.85614	1.48691				
76	11	2.25910	1.36911				
76	12	2.28814	1.15013	2.13308	1.35633	1.30093	1.29211
77	01	2.08944	1.06991				
77	02	1.62540	1.16837				
77	03	1.49621	1.19951	1.74325	1.17409		
77	04	1.16716	1.20616				
77	05	0.71972	0.77807				
77	06	0.84088	0.97607	0.90508	1.01524		
77	07	0.91477	1.03074				
77	08	0.71833	1.00429				
77	09	1.01020	1.20330	0.87621	1.08293		
77	10	1.59882	1.28672				
77	11	1.90547	1.09730				
77	12	1.77569	1.26160	1.76002	1.22428	1.32039	1.20601
78	01	1.75108	0.97071				
78	02	2.32859	2.30013				
78	03	1.10369	0.91244	1.74960	1.61089		
78	04	0.73242	0.80786				
78	05	0.85755	1.13682				
78	06	0.74708	0.87192	0.78013	0.95384		
78	07	0.87711	1.15170				
78	08	1.42963	1.32783				
78	09	2.12555	2.01428	1.49200	1.65100		
78	10	2.39487	1.52927				
78	11	2.24963	1.24153				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Lancaster

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO2 (continued) Method Code: 11 Unit: pphm							
78	12	1.97030	1.08712	2.19272	1.29535	1.54683	1.49094
79	01	1.83333	1.17602				
79	02	2.33888	1.62653				
79	03	1.22222	1.05907	1.78253	1.37818		
79	04	0.70160	1.00279				
79	05	1.06921	1.15405				
79	06	0.95455	1.11035	0.90997	1.10179		
79	07	0.77856	1.09971				
79	08	0.85273	1.13520				
79	09	1.42174	1.32645	1.01373	1.22322		
79	10	1.57747	1.55267				
79	11	2.34519	1.71248				
79	12	2.55304	1.38832	2.15487	1.60996	1.46485	1.43947
80	01	1.76462	1.17605				
80	02	1.75075	0.91817				
80	03	1.54775	1.07939	1.68591	1.06973		
80	04	0.83429	0.87631				
80	05	0.58567	0.72796				
80	06	0.68162	0.96606	0.69995	0.86690		
80	07	0.71548	0.88592				
80	08	0.63842	0.81485				
80	09	0.94323	1.02504	0.76373	0.92009		
80	10	1.46252	1.40807				
80	11	1.99125	1.32464				
80	12	1.85994	1.15793	1.76934	1.31899	1.22818	1.17024
81	01	1.72414	1.00862				
81	02	1.49191	1.22934				
81	03	0.99351	0.85347	1.41658	1.08409		
81	04	0.73991	0.90635				
81	05	1.08720	0.55487				
81	06	0.79921	0.55874	0.88688	0.71826	1.15500	0.95894

Overall Standard Deviation: 1.04976

Parameter: NO2 Method Code: 14 Unit: pphm

81	07	1.19452	0.93261				
81	08	1.23851	1.05012				
81	09	1.35321	1.15121	1.26027	1.04793		
81	10	1.37700	1.15387				
81	11	1.56878	1.77735				
81	12	1.38053	1.07188	1.43986	1.36514	1.34936	1.21884

Overall Standard Deviation: 1.21300

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Lancaster

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NO2 Method Code: 98 Unit: pphm							
82	01	1.47814	1.10782				
82	02	1.89457	1.06961				
82	03	2.66667	0.50000	1.68006	1.10923		
82	04	1.32810	0.71487				
82	05	1.34956	0.86637				
82	06	1.24265	0.93607	1.30554	0.85162		
82	07	1.34776	0.96857				
82	08	1.57349	1.00198				
82	09	1.67601	1.26800	1.52883	1.09093		
82	10	1.98738	1.43535				
82	11	1.63317	1.17592				
82	12	1.52481	1.36316	1.72319	1.34909	1.55096	1.12883
83	01	1.62464	1.34541				
83	02	1.63023	1.11421				
83	03	0.98593	0.82382	1.40276	1.15425		
83	04	1.21485	1.03022				
83	05	0.94606	1.07866				
83	06	1.35569	1.00161	1.17107	1.05117		
83	07	1.55775	1.19539				
83	08	1.70958	1.11663				
83	09	1.69355	1.25521	1.65194	1.19238	1.41076	1.15148

Overall Standard Deviation: 1.10985

Parameter: NOX Method Code: 11 Unit: pphm							
70	12	5.65914	4.90893	5.65914	4.90893	5.65914	4.90893
71	01	6.00305	5.23427				
71	02	4.06395	3.65792				
71	03	2.58684	1.55458	4.17824	4.02540		
71	04	2.42887	1.38379				
71	05	2.21083	0.79000				
71	06	2.34790	1.05519	2.31667	1.07310		
71	07	2.24748	0.83634				
71	08	2.51809	1.44293				
71	09	2.87365	2.00449	2.53996	1.51617		
71	10	3.94950	3.05187				
71	11	5.86248	5.65743				
71	12	5.60876	5.48245	5.10015	4.90299	3.56535	3.53734
72	01	6.60231	5.81611				
72	02	4.16440	3.20853				
72	03	3.43016	2.68613	4.78309	4.40289		

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Lancaster

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NOX (continued) Method Code: 11 Unit: pphm							
72	04	2.38719	1.14222				
72	05	2.72817	1.85532				
72	06	2.76958	1.72627	2.62785	1.61479		
72	07	2.59916	1.45581				
72	08	2.51899	1.24215				
72	09	2.62500	1.55877	2.58056	1.42354		
72	10	3.18079	2.37587				
72	11	4.79683	4.05605				
72	12	5.05218	4.74122	4.31952	3.92699	3.55791	3.26700
73	01	4.82164	4.13467				
73	02	3.58940	2.56141				
73	03	2.62535	1.44399	3.66867	3.06797		
73	04	2.32314	0.88908				
73	05	2.47772	1.18165				
73	06	2.33141	0.88744	2.37875	1.00045		
73	07	2.36238	0.90632				
73	08	2.37895	1.12676				
73	09	2.67007	1.97859	2.46808	1.40601		
73	10	4.23066	3.97476				
73	11	4.74057	5.85228				
73	12	6.90044	7.24059	5.27398	5.91735	3.46803	3.66926
74	01	4.39465	3.78849				
74	02	3.94444	3.38284				
74	03	2.77314	1.67792	3.68936	3.14543		
74	04	2.65483	1.50349				
74	05	2.17174	0.66901				
74	06	2.28779	0.87086	2.37039	1.09272		
74	07	2.36765	0.92111				
74	08	2.59943	1.37381				
74	09	2.85629	1.61802	2.60623	1.34855		
74	10	3.59578	3.02061				
74	11	6.45630	6.26131				
74	12	6.01816	6.22724	5.32210	5.49686	3.48428	3.47357
75	01	5.71186	5.48383				
75	02	4.47188	3.58956				
75	03	2.84336	1.99104	4.33300	4.13580		
75	04	2.41474	1.11947				
75	05	2.46583	1.22840				
75	06	2.26377	0.75235	2.38256	1.05876		
75	07	2.30125	0.84309				
75	08	2.64895	1.50577				
75	09	2.78980	1.50408	2.57287	1.33017		
75	10	3.58346	2.62626				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Lancaster

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NOX (continued) Method Code: 11 Unit: pphm							
75	11	5.84905	5.18471				
75	12	7.46154	6.26455	5.65474	5.19990	3.72885	3.67483
76	01	7.27825	5.65237				
76	02	3.23016	3.81896				
76	03	2.46132	2.83993	4.37426	4.79213		
76	04	1.12023	1.45017				
76	05	0.93040	1.21019				
76	06	0.63529	1.19372	0.89593	1.30386		
76	07	0.44302	0.99730				
76	08	0.43652	1.27527				
76	09	2.00952	2.03074	0.92622	1.64534		
76	10	3.90523	4.45733				
76	11	7.95924	7.45451				
76	12	10.1469	8.40730	7.33254	7.44016	3.40573	5.30610
77	01	7.10118	6.30083				
77	02	5.50803	5.82093				
77	03	2.82701	3.12463	5.16149	5.56373		
77	04	1.99403	2.66124				
77	05	0.81831	0.96888				
77	06	1.02047	1.35700	1.26696	1.86816		
77	07	1.15789	1.66130				
77	08	1.05555	1.59366				
77	09	1.34017	1.99542	1.17758	1.74946		
77	10	3.16667	3.49977				
77	11	6.40681	6.47218				
77	12	5.04380	5.66547	4.87151	5.52034	3.11484	4.53491

Overall Standard Deviation: 3.50993

Parameter: NOX Method Code: 14 Unit: pphm

82	01	3.79802	4.25730		
82	02	3.20447	2.60025		
82	03	3.11111	1.53659	3.51675	3.57769
82	04	1.67365	1.12968		
82	05	1.68529	1.35825		
82	06	1.87059	1.09397	1.74702	1.20629
82	07	1.65079	1.27984		
82	08	1.94957	1.39533		
82	09	2.36711	2.18693	1.98694	1.69130
82	10	3.58205	3.84887		
82	11	4.01192	4.43795		

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Lancaster

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NOX (continued) Method Code: 14 Unit: pphm							
82	12	5.95045	6.28369	4.49219	5.04555	2.89667	3.45137
83	01	5.72610	5.79919				
83	02	3.26880	3.36289				
83	03	1.18258	1.45358	3.38518	4.39823		
83	04	1.43086	1.48386				
83	05	1.03785	1.39293				
83	06	1.42358	1.25109	1.29743	1.39080		
83	07	1.65634	1.53573				
83	08	2.05082	1.77401				
83	09	1.96188	1.96482	1.88549	1.77126	2.18491	2.97733

Overall Standard Deviation: 2.95080

Parameter: NOX Method Code: 98 Unit: pphm

81	07	1.29107	1.23162				
81	08	1.48563	1.61907				
81	09	1.71822	1.94406	1.49388	1.62598		
81	10	2.58333	3.52698				
81	11	3.39567	4.56408				
81	12	4.58702	5.51999	3.52116	4.67911	2.49902	3.63494

Overall Standard Deviation: 3.43931

Parameter: NOX Method Code: 99 Unit: pphm

78	01	4.84660	4.92137				
78	02	4.69352	5.38994				
78	03	1.62742	1.84954	3.82779	4.65296		
78	04	1.30186	1.37426				
78	05	1.23954	1.85619				
78	06	0.91521	1.21429	1.14978	1.51935		
78	07	1.19077	1.77569				
78	08	1.90352	2.15608				
78	09	3.52117	3.84627	2.24760	2.97409		
78	10	4.78461	4.31882				
78	11	7.71930	7.55304				
78	12	8.74399	7.69962	7.21710	7.00791	3.61126	5.08414
79	01	4.85439	4.52117				
79	02	5.53028	6.07928				
79	03	1.94840	2.16662	3.97419	4.72768		

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Lancaster

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: NOX (continued) Method Code: 99 Unit: pphm							
79	04	0.94323	1.52280				
79	05	1.39407	1.81111				
79	06	1.22434	1.75717	1.18922	1.71200		
79	07	1.01693	1.66460				
79	08	1.16550	1.88819				
79	09	2.08986	2.53693	1.41761	2.11082		
79	10	2.82229	3.56688				
79	11	6.85263	7.21440				
79	12	10.6110	9.41595	6.75637	7.83377	3.31379	5.28361
80	01	4.06562	4.42218				
80	02	3.71171	3.50094				
80	03	2.55478	2.48932	3.43483	3.61308		
80	04	1.15286	1.39929				
80	05	0.81601	1.12189				
80	06	0.78871	1.24362	0.91917	1.26961		
80	07	0.85077	1.22647				
80	08	0.80509	1.26932				
80	09	1.42358	1.92715	1.02178	1.52804		
80	10	3.15134	4.01322				
80	11	5.37609	5.69889				
80	12	6.20448	5.90625	4.91030	5.42680	2.56851	3.80092
81	01	4.11925	3.91733				
81	02	2.61327	2.83774				
81	03	1.26299	1.51813	2.72539	3.19801		
81	04	0.91629	1.30368				
81	05	1.10830	0.59417				
81	06	0.85885	0.64211	0.97345	0.92626	1.86021	2.52316

Overall Standard Deviation: 3.85421

Parameter: CO Method Code: 11 Unit: ppm

77	01	2.45191	1.31111		
77	02	1.85671	0.91264		
77	03	1.45225	0.70996	1.90690	1.08246
77	04	1.47899	0.75291		
77	05	1.28513	0.58723		
77	06	1.42222	0.64556	1.39420	0.66921
77	07	1.44879	0.62511		
77	08	1.57859	0.65681		
77	09	1.68837	0.94767	1.56659	0.75347
77	10	2.16644	1.07983		

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Lancaster

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: CO (continued) Method Code: 11 Unit: ppm							
77	11	2.19080	1.55701				
77	12	2.10278	1.48726	2.15103	1.37642	1.74710	1.04567
78	01	2.21265	1.36987				
78	02	1.71642	1.12062				
78	03	1.20027	0.79124	1.70932	1.19498		
78	04	1.23431	0.65655				
78	05	1.19811	0.56897				
78	06	1.15021	0.39456	1.19421	0.55179		
78	07	1.30811	0.69772				
78	08	1.72395	0.86773				
78	09	1.76231	1.06204	1.59589	0.90916		
78	10	2.09485	1.24880				
78	11	3.29707	2.59289				
78	12	2.83220	1.49057	2.73583	1.92751	1.80982	1.37620
79	01	2.56753	1.16876				
79	02	2.17391	1.43625				
79	03	1.38566	0.70719	2.03646	1.23769		
79	04	1.59467	0.64244				
79	05	1.38535	0.92119				
79	06	0.69044	0.72956	1.25012	0.86272		
79	07	0.86974	0.70470				
79	08	1.00136	0.71949				
79	09	0.75245	0.97531	0.87574	0.81356		
79	10	1.04736	1.26948				
79	11	1.33659	1.68908				
79	12	2.24119	2.05721	1.54355	1.77679	1.42548	1.30996
80	01	1.30582	1.37382				
80	02	1.43126	1.16935				
80	03	0.87854	1.15494	1.19991	1.26003		
80	04	0.63305	0.85880				
80	05	0.46685	0.66048				
80	06	0.53475	0.59520	0.54402	0.71649		
80	07	0.57258	0.66044				
80	08	0.37838	0.55308				
80	09	0.48195	0.79617	0.47777	0.68041		
80	10	1.04178	1.36156				
80	11	1.33333	1.55922				
80	12	1.68059	1.62691	1.35209	1.54149	0.89413	1.17782
81	01	1.19919	1.28674				
81	02	1.10119	0.86763				
81	03	0.97443	0.89059	1.09129	1.04178		
81	04	1.16713	0.68041				
81	05	0.14785	0.38431				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Lancaster

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: CO (continued) Method Code: 11 Unit: ppm							
81	06	0.21558	0.48885	0.50573	0.70489		
81	07	0.09218	0.34259				
81	08	0.05795	0.26931				
81	09	0.30551	0.63525	0.15048	0.45558		
81	10	0.34088	0.91016				
81	11	0.52123	1.09413				
81	12	0.79345	1.42279	0.55163	1.17633	0.57967	0.95252
82	01	0.48023	1.00545				
82	02	0.41510	0.75963				
82	03	0.24148	0.49600	0.37793	0.78937		
82	04	0.07061	0.27795				
82	05	0.13448	0.43710				
82	06	0.07456	0.28939	0.09340	0.34415		
82	07	0.06506	0.28910				
82	08	0.07898	0.34767				
82	09	0.30984	0.69623	0.14926	0.48855		
82	10	0.87622	1.08033				
82	11	0.85272	1.15168				
82	12	0.99010	1.50586	0.90689	1.26103	0.38309	0.86529
83	01	1.39515	1.74910				
83	02	0.63579	0.94462				
83	03	0.18130	0.49220	0.73924	1.29157		
83	04	0.31618	0.53317				
83	05	0.12340	0.38484				
83	06	0.14869	0.40224	0.19508	0.45215		
83	07	0.45184	0.57963				
83	08	0.29972	0.59366				
83	09	0.46667	0.74889	0.40527	0.64780	0.44516	0.89948

Overall Standard Deviation: 1.01019

Parameter: CO Method Code: 12 Unit: ppm

70	07	2.07055	1.11303				
70	08	1.75932	0.90820				
70	09	2.09804	1.58573	1.97967	1.26140		
70	10	2.41359	2.41120				
70	11	2.50845	2.83775				
70	12	2.84118	2.48437	2.58684	2.59376	2.30254	2.10079
71	01	3.06522	2.88861				
71	02	2.15474	2.03726				
71	03	1.41633	0.97279	2.21881	2.24021		

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Lancaster

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: CO (continued) Method Code: 12 Unit: ppm							
71	04	1.34556	0.77782				
71	05	1.23967	0.63060				
71	06	1.43768	0.74544	1.34003	0.72423		
71	07	1.41144	0.60438				
71	08	1.47203	0.70969				
71	09	1.63955	1.03205	1.50642	0.80582		
71	10	2.08027	1.59455				
71	11	2.33567	2.23285				
71	12	2.00543	1.55094	2.13834	1.81932	1.79369	1.57154
72	01	2.29715	1.95254				
72	02	1.74601	1.18527				
72	03	1.46875	0.98925	1.83950	1.48310		
72	04	1.30866	0.66563				
72	05	2.18750	0.81159				
72	06	2.13025	0.80399	1.87812	0.86230		
72	07	2.10598	0.77348				
72	08	2.46811	0.90702				
72	09	2.85554	1.04809	2.47256	0.96408		
72	10	2.99862	1.50551				
72	11	3.27887	1.89081				
72	12	3.16712	1.67758	3.14734	1.70028	2.33483	1.40386
73	01	3.15126	1.86488				
73	02	2.90288	1.09001				
73	03	2.34973	0.87406	2.79477	1.38969		
73	04	2.12591	0.68410				
73	05	2.38410	0.72504				
73	06	2.26008	0.64247	2.26026	0.69287		
73	07	2.43869	0.66561				
73	08	2.43572	0.81458				
73	09	2.51329	1.09405	2.46207	0.87433		
73	10	1.71875	1.45536				
73	11	1.54824	1.44730				
73	12	2.17004	1.91741	1.82347	1.64906	2.33454	1.26018
74	01	2.00547	1.38290				
74	02	1.51791	1.17732				
74	03	1.23139	0.68415	1.58571	1.16321		
74	04	1.20030	0.57062				
74	05	1.03104	0.22746				
74	06	1.05432	0.27667	1.09261	0.39037		
74	07	1.07242	0.29931				
74	08	1.67123	0.83073				
74	09	1.40922	0.91077	1.38586	0.77251		
74	10	1.60163	1.27329				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Lancaster

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: CO (continued) Method Code: 12 Unit: ppm							
74	11	2.09450	1.82135				
74	12	2.22721	1.94791	1.97250	1.72480	1.51119	1.17395
75	01	2.03649	1.52738				
75	02	1.45210	1.01670				
75	03	1.17503	0.68209	1.55851	1.19094		
75	04	1.17992	0.48409				
75	05	1.15266	0.47719				
75	06	1.10534	0.35400	1.14606	0.44348		
75	07	1.05284	0.28279				
75	08	1.28108	0.66167				
75	09	1.45341	0.72959	1.26081	0.61239		
75	10	1.50404	1.07322				
75	11	2.09078	1.66456				
75	12	2.82409	2.02060	2.13928	1.71983	1.52833	1.17932
76	01	2.15478	1.84552				
76	02	0.94397	1.10252				
76	03	1.09556	0.70826	1.40788	1.41729		
76	04	1.11158	0.50289				
76	05	0.90713	0.48508				
76	06	1.05556	0.60570	1.02339	0.54017		
76	07	1.06478	0.55372				
76	08	1.21997	0.60532				
76	09	1.45429	0.89306	1.24350	0.71480		
76	10	1.78484	1.02197				
76	11	2.70278	1.77699				
76	12	2.97360	1.72465	2.46315	1.61800	1.52576	1.28266

Overall Standard Deviation: 1.28592

Parameter: TSP Method Code: 91 Unit: ug/m3

75	01	77.8602	1.36697		
75	02	54.4912	1.62137		
75	03	83.1868	1.65007	72.6910	1.56526
75	04	61.5313	1.74937		
75	05	85.0043	1.30393		
75	06	106.419	1.27610	82.2594	1.52962
75	07	90.1138	1.21262		
75	08	86.6207	1.11086		
75	09	84.0335	1.26767	86.8870	1.19159
75	10	137.367	1.32721		
75	11	144.640	1.44472		

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Lancaster

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: TSP (continued) Method Code: 91 Unit: ug/m3							
75	12	94.8433	1.27353	123.517	1.40604	89.5029	1.50067
76	01	150.903	1.40627				
76	02	48.4936	1.33321				
76	03	123.596	3.41672	102.932	2.47130		
76	04	66.7124	1.47061				
76	05	109.868	1.24193				
76	06	92.6872	1.25856	87.9088	1.40777		
76	07	94.1429	1.35649				
76	08	93.3655	1.16049				
76	09	68.9311	3.31820	84.6180	1.97976		
76	10	64.2632	1.51446				
76	11	89.5150	1.60119				
76	12	131.890	1.18210	91.2059	1.58653	91.4150	1.86538
77	01	51.9559	1.87439				
77	02	87.9432	1.99770				
77	03	60.0665	1.60207	62.7459	1.81537		
77	04	83.3704	1.46688				
77	05	55.5905	1.52192				
77	06	124.800	2.47703	81.2379	1.93622		
77	07	84.7661	1.22556				
77	08	59.0277	1.51394				
77	09	82.1758	1.27607	74.3602	1.38626		
77	10	99.4257	1.51658				
77	11	97.1381	1.08553				
77	12	71.0071	3.15924	88.1854	1.96283	76.1187	1.79024
78	01	41.3834	1.92592				
78	02	44.0751	1.97854				
78	03	44.8614	1.56913	43.4141	1.75292		
78	04	50.6581	1.98327				
78	05	77.0925	1.21038				
78	06	77.1054	1.16037	67.7521	1.52052		
78	07	102.693	1.25228				
78	08	100.559	1.25254				
78	09	65.3793	1.63822	87.7272	1.46335		
78	10	121.465	1.48552				
78	11	55.1782	1.99997				
78	12	62.4268	1.26654	74.7934	1.77098	66.2307	1.73235
79	01	33.1952	2.20280				
79	02	39.8662	2.44313				
79	03	39.3865	1.43478	37.0513	2.03355		
79	04	84.0982	1.69922				
79	05	78.7000	1.54951				
79	06	145.312	1.31369	98.7085	1.62760		

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Lancaster

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: TSP (continued) Method Code: 91 Unit: ug/m3							
79	07	119.830	1.64253				
79	08	86.8401	1.34419				
79	09	88.9759	1.30731	96.7653	1.44646		
79	10	89.4217	1.40194				
79	11	99.1108	1.62254				
79	12	123.319	1.84008	104.915	1.62683	79.9804	1.92535
80	01	47.8050	2.10260				
80	02	78.1529	1.91252				
80	03	82.7992	1.43113	67.6314	1.85191		
80	04	95.4099	1.50243				
80	05	87.8695	1.28930				
80	06	96.5993	1.31487	93.2113	1.34783		
80	07	99.2156	1.67470				
80	08	79.2223	1.72815				
80	09	110.100	1.17075	94.2015	1.56094		
80	10	133.175	1.18589				
80	11	183.967	1.37438				
80	12	93.6114	1.50223	128.777	1.49543	93.0283	1.64594
81	01	65.6382	1.92462				
81	02	42.5474	1.71176				
81	03	40.6999	2.04367	48.8913	1.89412		
81	04	79.1096	1.26225				
81	05	89.9984	1.27792				
81	06	85.6286	1.36858	84.7932	1.28743		
81	07	85.8263	1.31766				
81	08	76.2342	1.27237				
81	09	87.3636	1.18206	82.6878	1.25538		
81	10	65.6828	1.18159				
81	11	65.7561	1.17326				
81	12	54.3066	2.06222	61.0653	1.55952	68.0381	1.60094
82	01	46.1720	1.55489				
82	02	35.7966	1.77530				
82	03	36.0000	1.00000	39.3083	1.57529		
82	04	44.7913	2.16816				
82	05	73.3692	1.38561				
82	06	76.7821	1.08677	63.1911	1.67700		
82	07	72.6780	1.06618				
82	08	66.0531	1.18751				
82	09	52.2936	1.53901	63.9343	1.30876		
82	10	52.7300	1.70670				
82	11	51.3727	1.97340				
82	12	39.8713	2.04719	47.6230	1.84836	53.3596	1.66814
83	01	51.3217	1.92262				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Lancaster

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: TSP (continued) Method Code: 91 Unit: ug/m3							
83	02	77.4798	1.15159				
83	03	31.2535	2.43704	46.6375	2.09260		
83	04	28.9165	1.35553				
83	05	57.7090	1.61995				
83	06	95.7297	1.31765	54.0215	1.85691		
83	07	75.8115	1.16949				
83	08	58.7005	1.38490	66.7096	1.31790	54.3128	1.82099

Overall Standard Deviation: 1.46766

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Bishop

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: TSP Method Code: 91 Unit: ug/m3							
72	04	4.79583	1.00000				
72	05	3.04085	11.9969				
72	06	76.8126	1.25310	10.6893	11.5384		
72	07	26.8097	14.2320				
72	08	2.87852	15.0810				
72	09	3.27884	25.9808	5.89401	16.0565		
72	10	4.01848	17.3666				
72	11	83.2218	1.50230				
72	12	101.155	1.20407	22.1355	11.5208	10.7716	12.9095
73	01	1.00000	1.00000				
73	02	108.531	1.33843				
73	03	83.9643	1.00000	97.8809	1.28677		
73	04	83.6371	1.53884				
73	05	134.666	1.00000				
73	06	110.754	1.36191	102.099	1.45379		
73	07	122.574	1.24932				
73	08	93.0302	1.50284	106.785	1.39121	101.978	1.36895
74	02	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000

Overall Standard Deviation: 9.28674

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Bishop - E Line St.

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: TSP Method Code: 91 Unit: ug/m3							
78	11	23.1089	2.60356				
78	12	22.7056	1.78968	22.8840	2.04647	22.8840	2.04647
79	01	1.00000	1.00000				
79	02	8.96281	2.02902				
79	03	9.16515	1.00000	11.1633	2.02179		
79	04	27.3924	1.84360				
79	05	20.2743	2.35542				
79	06	34.7216	1.33024	26.2913	1.87847		
79	07	72.9476	1.81569				
79	08	46.4035	2.42832				
79	09	46.1022	1.99644	54.3323	2.06664		
79	10	25.5597	1.28610				
79	11	25.3414	1.41227				
79	12	46.9184	3.53142	31.2064	2.16419	31.9656	2.34287
80	01	18.6434	1.72057				
80	02	29.8380	1.70160				
80	03	28.4798	1.91517	25.1156	1.72960		
80	04	36.4707	1.29712				
80	05	31.7403	1.67478				
80	06	29.1212	1.41657	32.2007	1.47669		
80	07	33.3450	1.51094				
80	08	47.5168	1.12198				
80	09	33.5586	1.36451	37.6234	1.37074		
80	10	38.6135	1.00000				
80	11	45.8283	1.64493				
80	12	24.7735	2.44863	33.5875	2.11083	32.2719	1.68607
81	01	36.0813	2.71167				
81	02	16.7757	2.50223				
81	03	28.3534	2.89197	26.5992	2.65033		
81	04	25.3301	1.17421				
81	05	39.5045	1.99856				
81	06	24.9589	2.00722	30.5479	1.76137		
81	07	35.2794	1.25627				
81	08	54.7152	2.02308				
81	09	34.0338	1.41518	40.3503	1.63397		
81	10	31.1901	1.86751				
81	11	27.2955	1.80448				
81	12	23.0497	1.98610	25.9562	1.86147	29.8571	1.98136
82	01	10.1489	2.09142				
82	02	11.7849	2.91181				
82	03	27.1455	1.89149	15.1239	2.56150		
82	04	22.5216	1.74818				
82	05	27.9274	1.81138				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Bishop - E Line St.

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: TSP (continued) Method Code: 91 Unit: ug/m3							
82	06	26.4560	1.06949	25.2850	1.56905		
82	07	40.8167	1.00000				
82	08	39.2129	1.11480				
82	09	14.9300	2.03719	27.8033	1.89196		
82	10	17.6719	1.39157				
82	11	11.4931	1.78343				
82	12	14.9533	2.41768	14.3627	1.89427	17.4324	2.18720
83	01	8.36660	1.00000				
83	02	10.8006	1.94101				
83	03	17.4801	4.49474	13.1678	3.05595		
83	04	13.8780	2.47683	13.8780	2.47683	13.3728	2.80553

Overall Standard Deviation: 1.88056

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Bishop 5 NNE Pump #248

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: TSP Method Code: 91 Unit: ug/m3							
81	08	37.3737	1.79508				
81	09	29.1631	1.64992	32.5623	1.68270		
81	10	22.0322	1.84864				
81	11	15.6040	2.12202				
81	12	10.4907	2.11893	14.0261	2.13876	17.1225	2.20828
82	01	5.21745	2.79664				
82	02	7.61723	2.41205				
82	03	15.3740	2.85163	8.78255	2.81871		
82	04	17.9395	2.45292				
82	05	23.4751	1.66925				
82	06	22.1128	1.13676	20.7824	1.81202		
82	07	27.7489	1.00000				
82	08	27.5990	1.21549				
82	09	10.7851	2.59071	19.6305	2.06148		
82	10	11.3728	1.69318				
82	11	4.85377	1.58030				
82	12	9.83609	2.85212	7.94746	2.17743	10.7971	2.55490

Overall Standard Deviation: 2.05191

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: NWC - Coso Drill

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: BSCT Method Code: 11 Unit: Beta Scat							
78	09	0.36046	0.27193	0.36046	0.27193		
78	10	0.28801	0.30513				
78	11	0.22461	0.18471	0.27697	0.28872	0.28559	0.28800

Overall Standard Deviation: 0.28597

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: NWC - Death Valley

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: BSCT Method Code: 11 Unit: Beta Scat							
80	10	0.07458	0.02173				
80	11	0.11845	0.12478				
80	12	0.10009	0.14411	0.10635	0.13113	0.10635	0.13113
81	01	0.09860	0.07476				
81	02	0.08126	0.04844				
81	03	0.09198	0.08203	0.09089	0.07073		
81	04	0.11799	0.11831				
81	05	0.20450	0.12648				
81	06	0.18845	0.10312	0.17086	0.12235		
81	07	0.24852	0.12205	0.24852	0.12205	0.14842	0.11758

Overall Standard Deviation: 0.10821

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: ARMY - Death Valley

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: BSCT Method Code: 11 Unit: Beta Scat							
80	07	0.39261	0.11796				
80	08	0.34993	0.14352				
80	09	0.27887	0.17853	0.32282	0.16301		
80	10	0.25892	0.10467				
80	11	0.22493	0.12255				
80	12	0.20141	0.13888	0.22547	0.12648	0.26827	0.15157
81	01	0.20271	0.06585				
81	02	0.17792	0.03988				
81	03	0.19682	0.07330	0.19300	0.06296		
81	04	0.22482	0.11022				
81	05	0.28783	0.12704				
81	06	0.28078	0.11034	0.26468	0.11958		
81	07	0.33793	0.12475				
81	08	0.40388	0.13447				
81	09	0.33103	0.10291	0.36115	0.12807	0.27124	0.12698

Overall Standard Deviation: 0.11857

Parameter: VISI Method Code: 00 Unit: miles

80	07	67.0348	19.8506				
80	08	80.8215	31.6795				
80	09	106.818	38.8660	90.9220	37.1682		
80	10	106.148	33.4741				
80	11	130.988	39.4616				
80	12	143.616	36.6089	128.907	39.7417	112.250	42.9833
81	01	131.422	33.8711				
81	02	143.361	24.1750				
81	03	134.947	32.8631	136.340	31.2031		
81	04	124.874	36.9118				
81	05	98.1858	35.3865				
81	06	98.8270	33.6783	107.222	37.4558		
81	07	82.4123	31.1114				
81	08	66.4645	20.7611				
81	09	79.1803	19.6828	75.6000	25.9820	106.949	40.3540

Overall Standard Deviation: 32.6871

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: NWC - Mojave

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: BSCT Method Code: 11 Unit: Beta Scat							
74	11	1.64552	1.47348				
74	12	0.64542	0.46141	1.23865	1.27072	1.23865	1.27072
75	01	0.64854	0.50235				
75	02	0.56201	0.26756	0.62369	0.44928		
75	04	0.70610	0.41519				
75	05	1.28895	0.19353				
75	06	0.83929	0.41559	0.79016	0.42442		
75	08	0.59073	0.36722				
75	09	0.84598	0.45453	0.77048	0.44588		
75	10	1.02128	0.52822				
75	11	0.82139	0.77276				
75	12	0.70315	0.70036	0.85675	0.68479	0.78027	0.55168
76	01	0.61214	0.79211				
76	02	0.57432	0.47751				
76	03	0.54151	0.48114	0.57625	0.61696		
76	04	0.60671	0.27810				
76	05	0.59904	0.26990				
76	06	0.65440	0.27011	0.61994	0.27364		
76	07	0.71734	0.30241				
76	08	0.64044	0.29413				
76	09	1.10388	0.67283	0.81801	0.49882		
76	10	1.01217	0.63542				
76	11	0.65442	0.51775				
76	12	0.62938	0.60171	0.76661	0.61305	0.69888	0.52671
77	01	0.61311	0.76340				
77	02	0.53239	0.44836				
77	03	0.64743	0.44742	0.59991	0.57814		
77	04	0.52749	0.26452				
77	05	0.45236	0.29973				
77	06	0.41094	0.29346	0.46410	0.28978		
77	07	0.61836	0.30510				
77	08	1.08937	0.71319				
77	09	0.91482	0.41270	0.86150	0.52772		
77	10	1.11937	0.68585				
77	11	0.78403	0.74046				
77	12	0.65090	0.55218	0.87302	0.69392	0.69122	0.56424
78	01	0.58838	0.52656				
78	02	0.53606	0.47213				
78	03	0.56865	0.63335	0.56513	0.54630		
78	04	0.89615	0.85221	0.89615	0.85221		
78	08	0.80585	0.36630				
78	09	0.53102	0.35945	0.66606	0.38781		
78	10	1.28490	0.77635				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: NWC - Mojave

(continued)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: BSCT (continued) Method Code: 11 Unit: Beta Scat							
78	11	0.65296	0.40593				
78	12	0.48215	0.47899	0.82883	0.69844	0.71240	0.63890
79	01	0.87685	0.42502				
79	02	0.95306	0.34395	0.91709	0.38600	0.91709	0.38600

Overall Standard Deviation: 0.55006

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: NWC - Laurel Mountain

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: BSCT Method Code: 11 Unit: Beta Scat							
81	06	0.37000	0.17181	0.37000	0.17181		
81	07	0.30765	0.14137				
81	08	0.34852	0.20095				
81	09	0.26058	0.14957	0.30464	0.16801	0.30865	0.16893

Overall Standard Deviation: 0.16472

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: EPALV - Edwards AFB

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: VISI Method Code: 00 Unit: miles							
82	07	50.0732	22.8163				
82	08	46.4227	19.5658				
82	09	46.2579	22.8811	47.7154	22.0741		
82	10	87.1527	48.9044				
82	11	91.3683	46.0301				
82	12	100.580	52.2978	94.3810	49.7032	68.7673	43.8272
83	01	120.014	50.1823				
83	02	120.678	53.6746				
83	03	122.862	50.9637	121.232	51.5776		
83	04	81.9592	45.3158				
83	05	66.4734	33.3722				
83	06	50.6984	27.7900	66.0987	38.2588		
83	07	52.3809	29.8088	52.3809	29.8088	87.5330	52.4352

Overall Standard Deviation: 40.3222

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: Cajon Pass

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
81	07	3.12144	2.19999				
81	08	3.61649	2.34144	3.34765	2.27800	3.34765	2.27800

Parameter: BSCT Method Code: 11 Unit: Beta Scat

Overall Standard Deviation: 2.26460

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: NWC - B Mountain

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: BSCT Method Code: 11 Unit: Beta Scat							
80	08	0.52591	0.30203				
80	09	0.29032	0.18118	0.37434	0.25755		
80	10	0.24953	0.24809				
80	11	0.26568	0.30944				
80	12	0.14762	0.24128	0.21952	0.27126	0.27411	0.27654
81	01	0.25137	0.27110				
81	02	0.14509	0.14282				
81	03	0.13856	0.14139	0.17774	0.20087		
81	04	0.19846	0.16293				
81	05	0.24840	0.12332				
81	06	0.24658	0.14376	0.23115	0.14626		
81	07	0.27591	0.14176				
81	08	0.40213	0.22174				
81	09	0.38128	0.15684	0.34513	0.19303		
81	11	0.14258	0.17459				
81	12	0.13074	0.12269	0.13716	0.15311	0.22262	0.19004
82	01	0.07542	0.10115				
82	02	0.23147	0.29597				
82	03	0.10571	0.14624	0.13486	0.20732		
82	04	0.15376	0.12632				
82	05	0.15920	0.15543	0.15470	0.13172	0.14079	0.18813

Overall Standard Deviation: 0.19632

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: NWC - R1 (G Range)

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: BSCT Method Code: 11 Unit: Beta Scat							
75	08	0.56347	0.35965				
75	09	0.52424	0.15006	0.55983	0.34566		
75	10	0.28527	0.39342				
75	11	0.52806	0.47962				
75	12	0.41464	0.36756	0.40570	0.43773	0.43127	0.42763
76	01	0.18825	0.10853				
76	02	0.23846	0.25429				
76	03	0.27562	0.23184	0.23191	0.21377		
76	04	0.36084	0.43722				
76	05	0.48709	0.34767				
76	06	0.39249	0.17448	0.41157	0.33968		
76	07	0.60144	0.27062				
76	08	0.16029	0.19487				
76	09	0.62642	0.42420	0.52994	0.36338		
76	10	0.14631	0.20124				
76	11	0.14077	0.15726				
76	12	0.28853	0.23164	0.20581	0.21942	0.33852	0.31662
77	01	0.14917	0.19200				
77	02	0.40670	0.31095				
77	03	0.45064	0.44699	0.33861	0.35879		
77	04	0.46432	0.28927				
77	05	0.44582	0.21300				
77	06	0.44746	0.18808	0.45221	0.23210		
77	07	0.35153	0.14276				
77	08	0.60855	0.44380				
77	09	0.11813	0.14945	0.33559	0.32309		
77	10	0.07083	0.11458				
77	11	0.40917	0.32433				
77	12	0.48402	0.38159	0.40961	0.37043	0.38130	0.32295
78	01	0.36639	0.33902				
78	02	0.39881	0.39996				
78	03	0.36701	0.35291	0.37778	0.36593		
78	04	0.52158	0.37867				
78	05	0.73419	0.33063				
78	06	0.84894	0.33931	0.70208	0.37472		
78	07	0.43378	0.19467				
78	08	0.57127	0.29822				
78	09	0.28903	0.15567	0.41097	0.24185		
78	10	0.38955	0.26093				
78	11	0.14781	0.12544				
78	12	0.21024	0.16471	0.25856	0.22208	0.44325	0.35407
79	01	0.21012	0.16061				
79	02	0.16012	0.15335				

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: NWC - R1 (G Range)

(continued)

Year	Month	<u>Monthly</u>		<u>Quarterly</u>		<u>Annual</u>	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: BSCT (continued) Method Code: 11 Unit: Beta Scat							
79	03	0.17223	0.16697	0.18062	0.16192		
79	04	0.20897	0.07771	0.20897	0.07771	0.18154	0.15994

Overall Standard Deviation: 0.29207

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: EPALV - Iron Mountain

Year	Month	Monthly		Quarterly		Annual			
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev		
Parameter: VISI Method Code: 00 Unit: miles									
81	06	54.6913	23.3833	54.6913	23.3833				
81	07	67.3287	19.7070						
81	08	60.3685	20.0488						
81	09	69.4388	18.7098			65.3373	19.9364		
81	10	94.9155	31.8464						
81	11	103.867	46.0516						
81	12	122.421	40.7935	107.637	41.3934	84.4478	39.0142		
82	01	148.574	54.0264						
82	02	100.850	36.7773						
82	03	133.827	43.0549	126.631	48.8374				
82	04	89.6619	41.6497						
82	05	77.2821	28.5360	83.5406	36.2906	106.868	48.5365		

Overall Standard Deviation: 35.4817

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: EPALV - Fort Irwin

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: VISI Method Code: 00 Unit: miles							
81	08	67.1061	29.1698				
81	09	75.3479	33.1343	72.5020	32.0464		
81	10	102.769	41.4927				
81	11	122.895	58.7233				
81	12	144.351	50.9056	120.299	53.2716	103.965	52.2734
82	01	154.524	53.3882				
82	02	112.395	58.8441				
82	03	134.960	57.8069	134.251	59.1390		
82	04	95.2369	41.8596				
82	05	75.0987	36.9628				
82	06	53.4094	23.1936	76.3243	39.3428		
82	07	67.8740	25.2899				
82	08	74.8805	22.5990				
82	09	87.1213	40.2344	76.5644	31.6877		
82	10	118.998	45.6396				
82	11	115.227	47.9892				
82	12	146.638	43.3551	127.009	47.7603	103.910	53.1009
83	01	150.913	48.7101				
83	02	151.370	48.9502				
83	03	137.949	46.1791	146.627	48.3199		
83	04	99.3107	42.6436				
83	05	90.2197	42.3209				
83	06	61.9291	30.6252	83.8877	42.0637		
83	07	71.0642	28.5082	71.0642	28.5082	109.191	54.4267

Overall Standard Deviation: 43.2404

CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY, QUARTERLY AND ANNUAL DATA SUMMARY

Site: ARMY - Fort Irwin

Year	Month	Monthly		Quarterly		Annual	
		Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Parameter: BSCT Method Code: 11 Unit: Beta Scat							
80	08	0.56322	0.25801				
80	09	0.37832	0.19456	0.45528	0.24097		
80	10	0.37796	0.27180				
80	11	0.38832	0.27584				
80	12	0.37382	0.24894	0.38064	0.26740	0.40825	0.26040
81	01	0.36969	0.21750				
81	02	0.30466	0.20328				
81	03	0.37919	0.27017	0.35138	0.23640		
81	04	0.46784	0.22057				
81	05	0.44130	0.16680				
81	06	0.41222	0.18453	0.44070	0.19240		
81	07	0.47236	0.19900				
81	08	0.50077	0.17739				
81	09	0.43349	0.17310	0.47412	0.18629	0.42061	0.21301

Overall Standard Deviation: 0.22165

Parameter: VISI Method Code: 00 Unit: miles

80	08	54.1857	27.0941				
80	09	80.1518	38.2563	69.3144	36.3625		
80	10	86.5789	37.1575				
80	11	86.8547	42.1113				
80	12	90.0581	44.4758	87.5961	41.0049	80.8445	40.3253
81	01	90.0847	48.2771				
81	02	100.507	39.0803				
81	03	91.9441	42.0186	94.2733	43.2398		
81	04	62.1607	25.9941				
81	05	64.8483	29.2855				
81	06	72.6657	35.6589	66.4514	30.7874		
81	07	62.1866	30.0885				
81	08	54.8304	19.6806				
81	09	65.5109	25.8008	60.0975	25.7332	73.9618	37.3198

Overall Standard Deviation: 35.5625

Appendix C

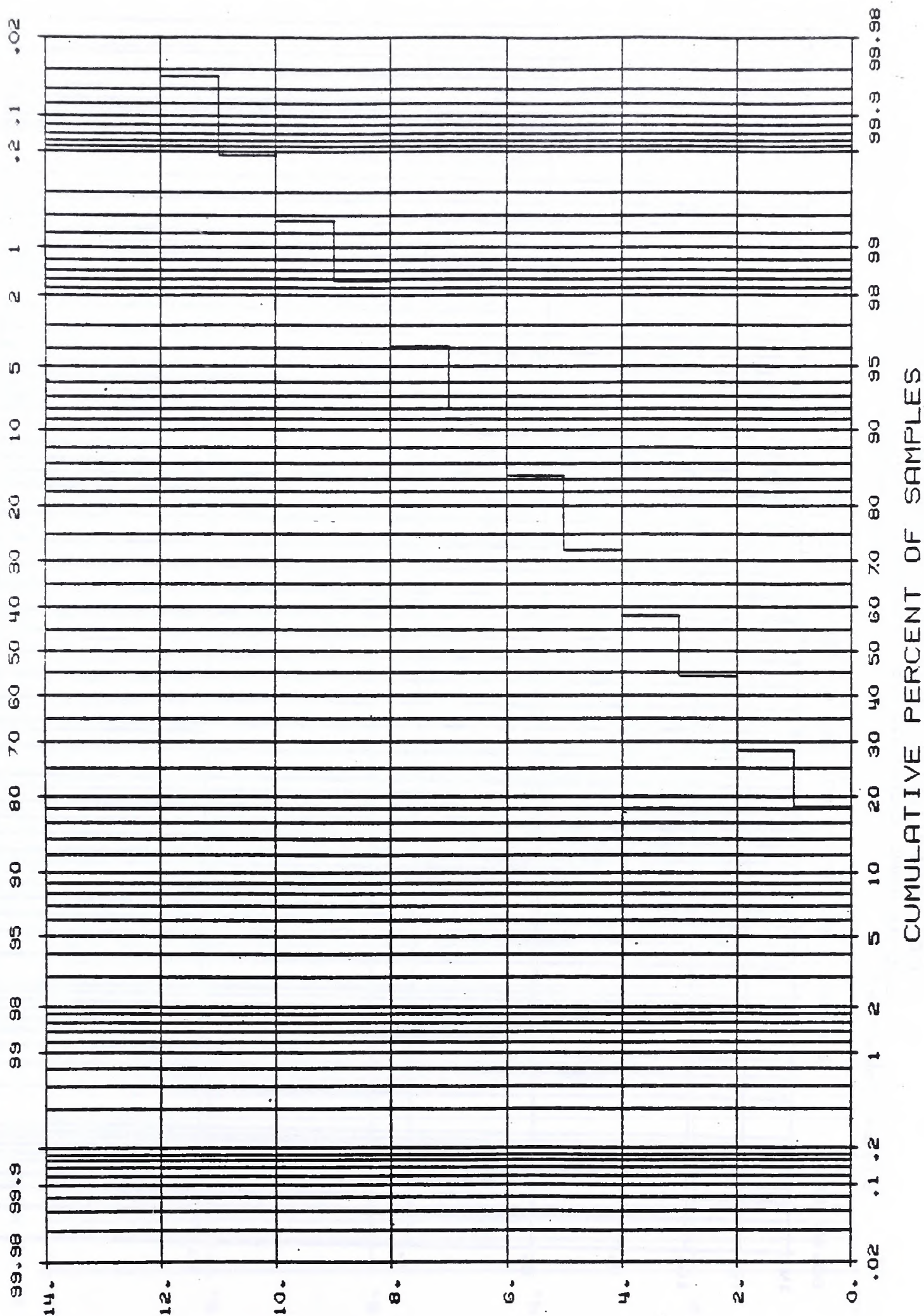
Frequency Distribution

Normal and log normal frequency distribution of data summarized in Appendix B.

CALIFORNIA DESERT AIR WORKING GROUP NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: DEC 76 THRU APR 78

SITE: Imperial



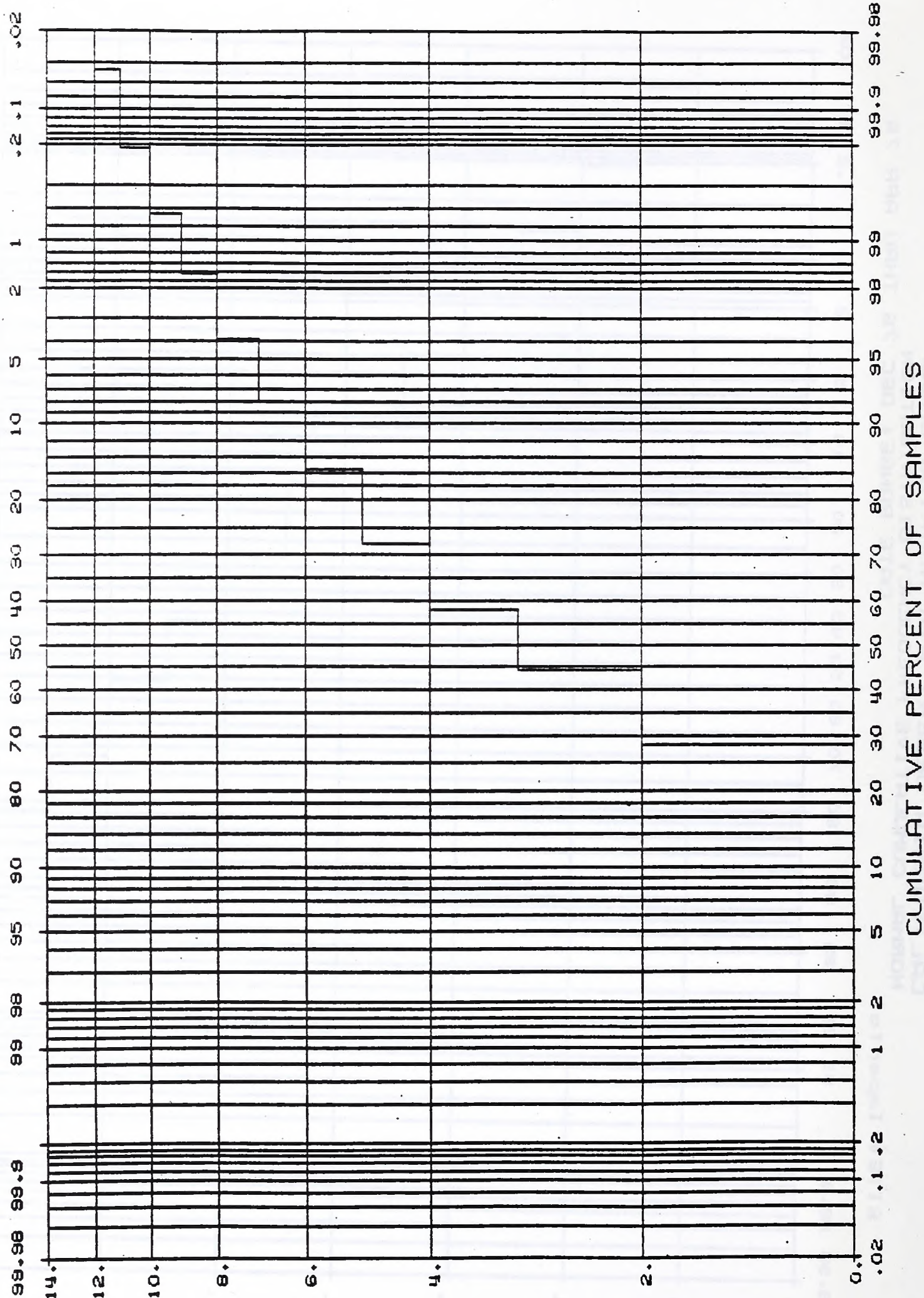
CONCENTRATION OF O₃ IN PPB

CALIFORNIA DESERT AIR WORKING GROUP

LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: DEC 76 THRU APR 78

SITE: Imperial

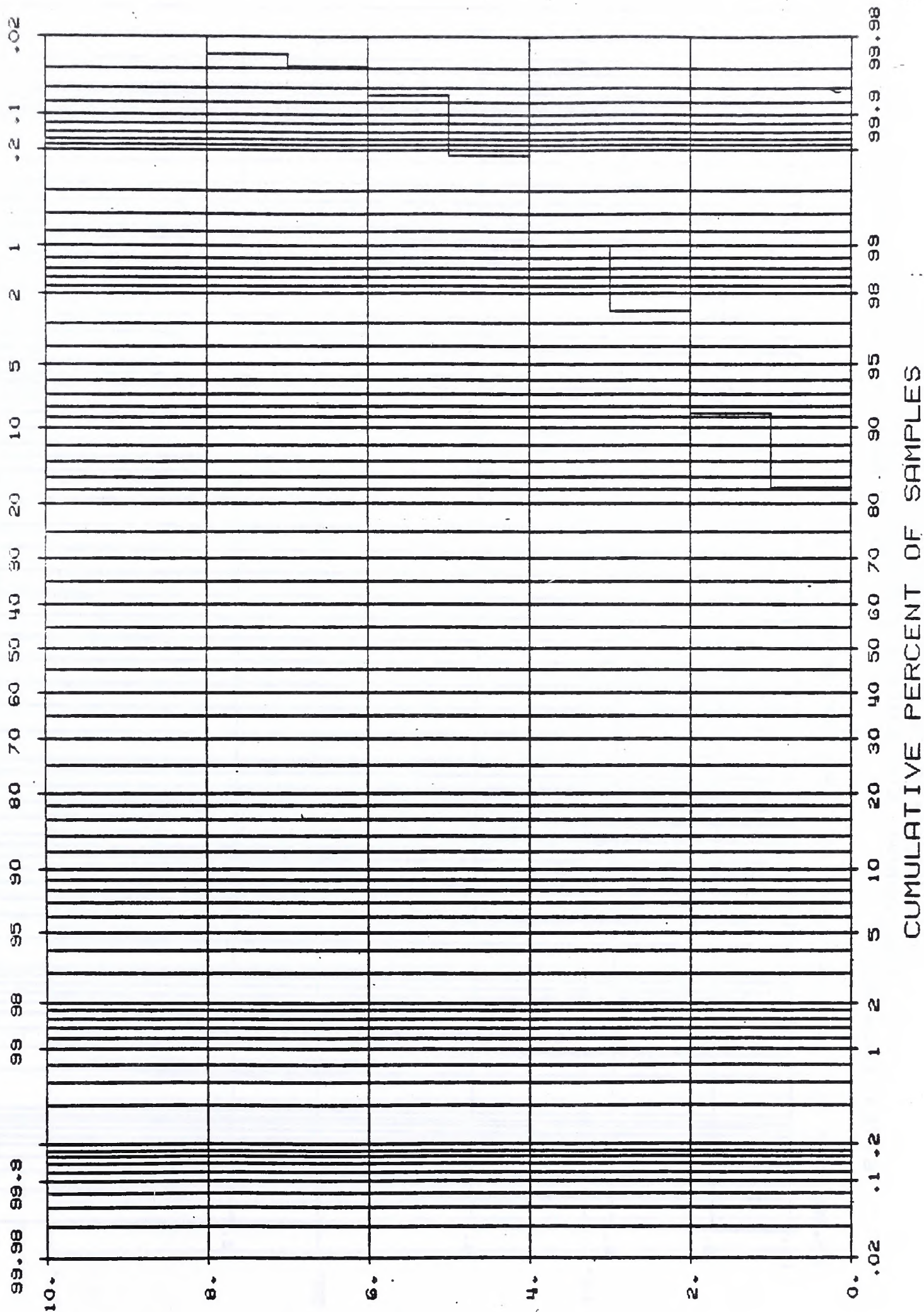


CONCENTRATION OF DUST IN PARTS PER MILLION

CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: JAN 77 THRU APR 78

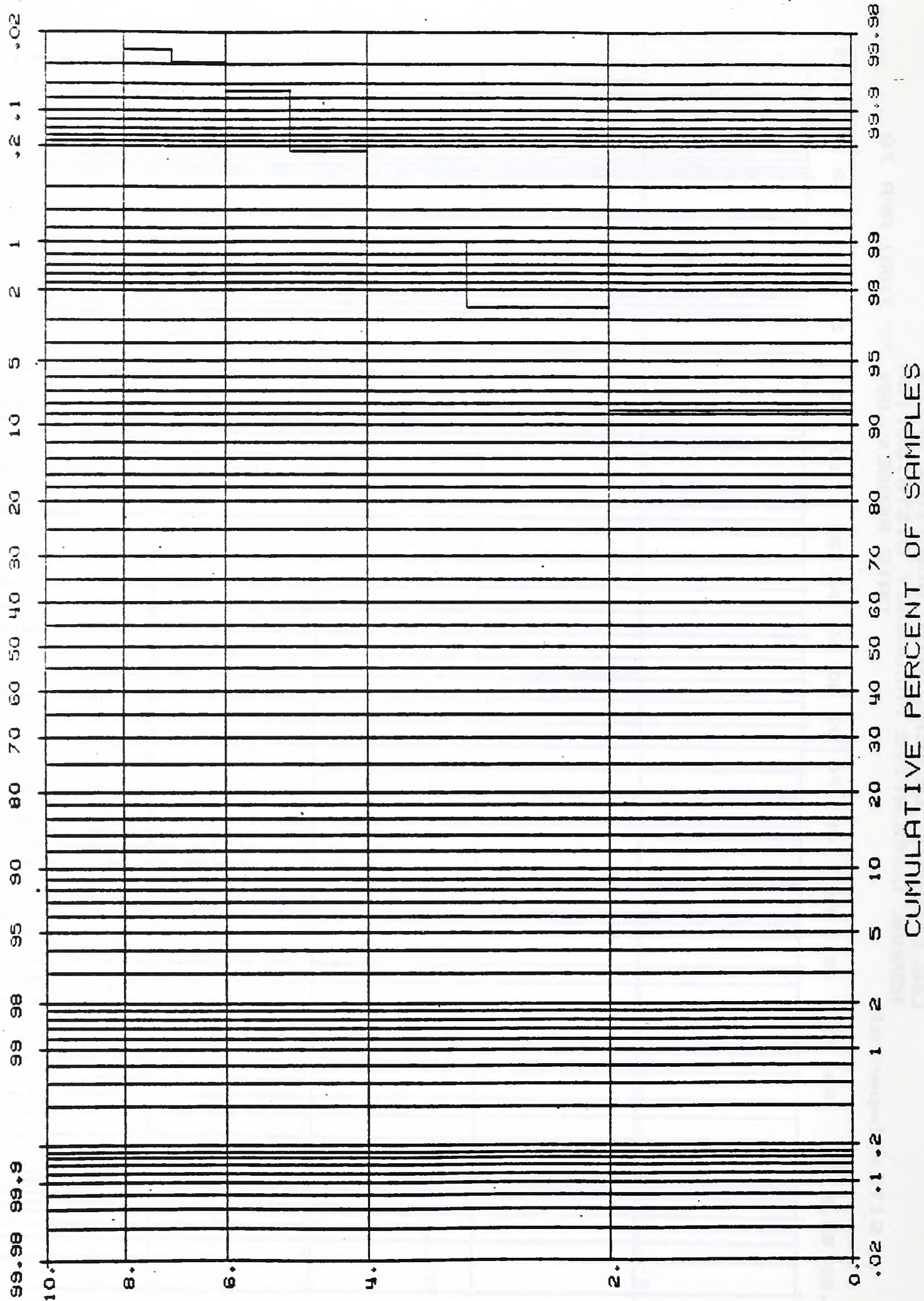
SITE: Imperial



CONCENTRATION OF SO2 IN PPT3

CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: JAN 77 THRU APR 78

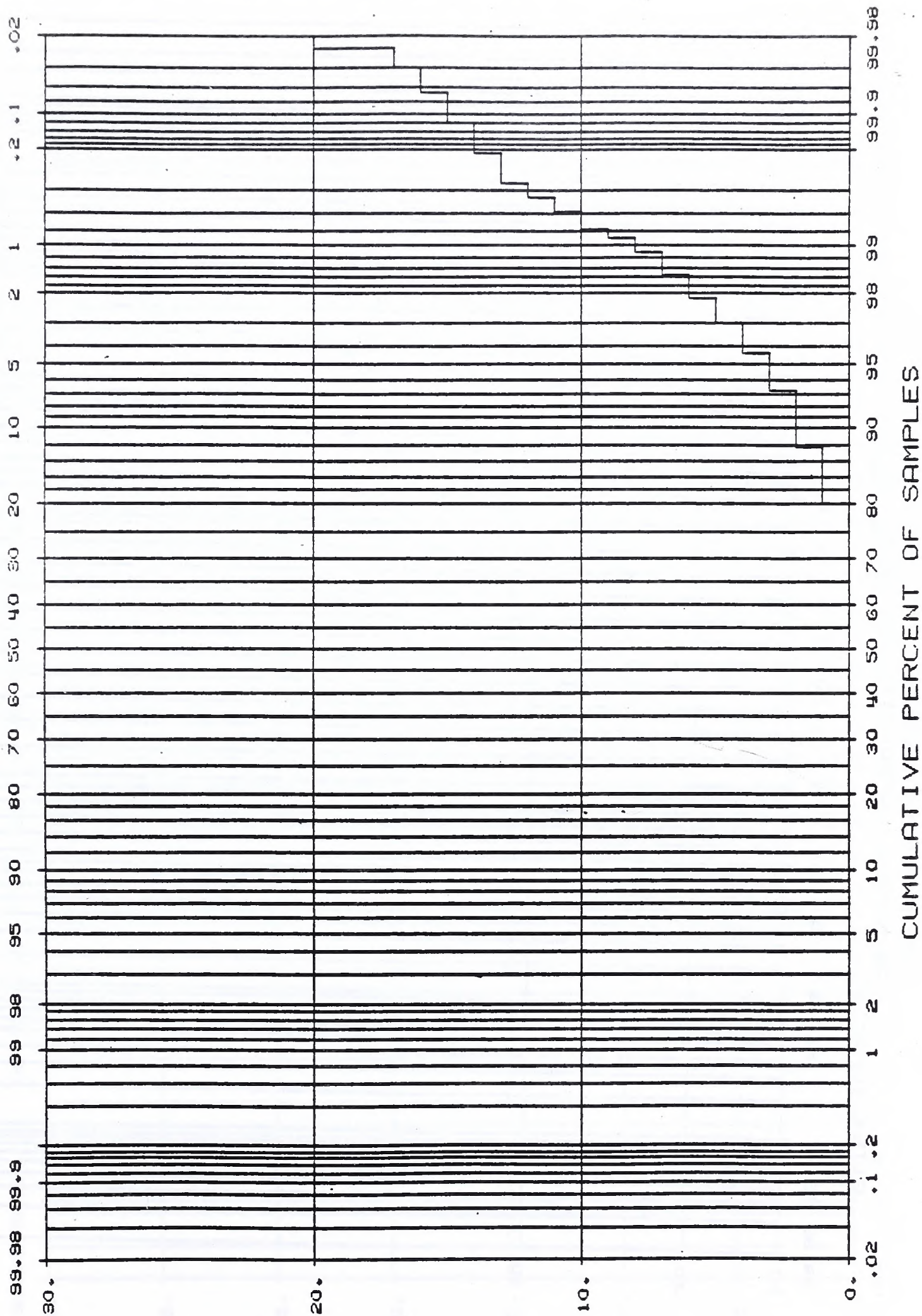
SITE: Imperial



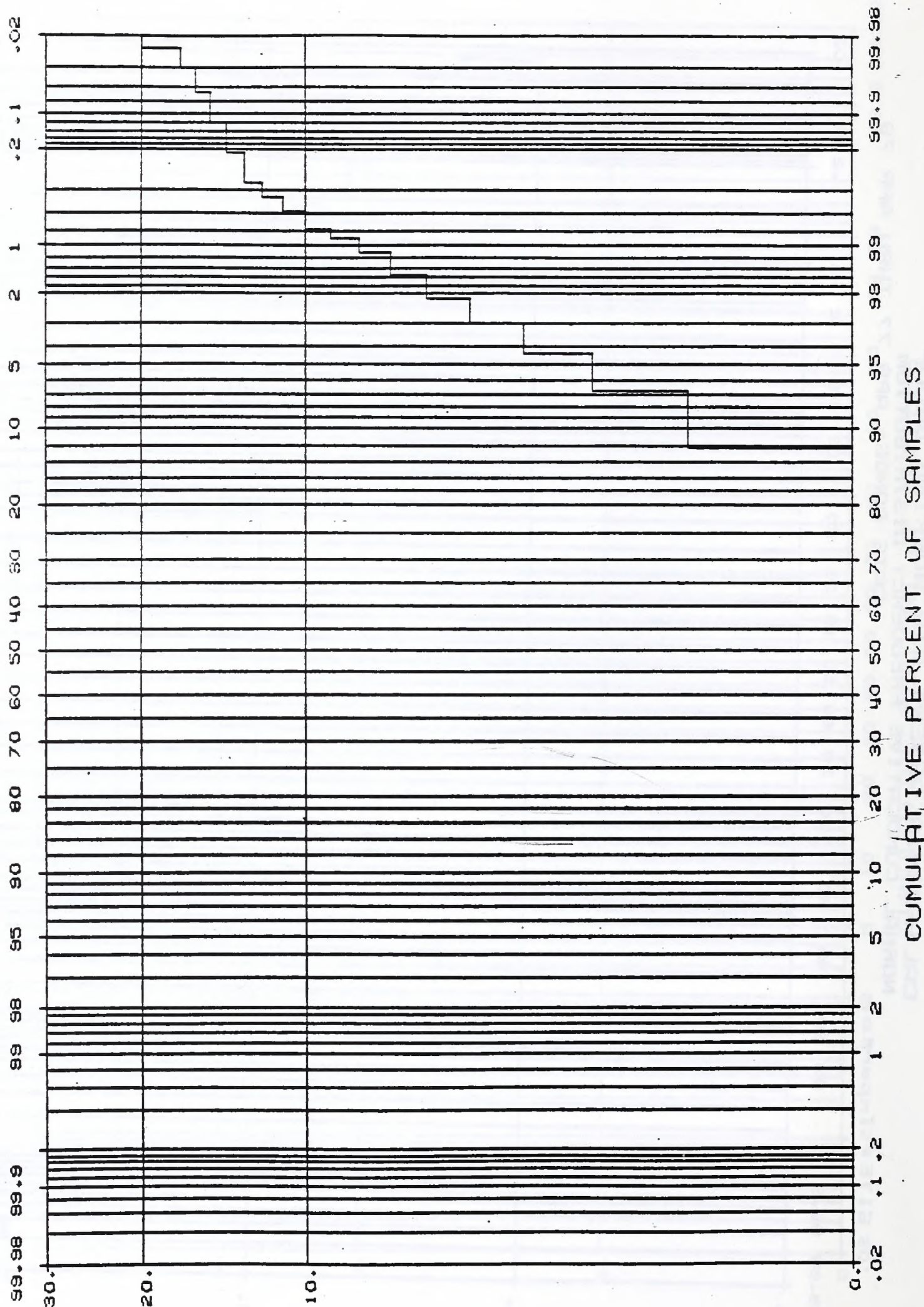
CALIFORNIA DESERT AIR WORKING GROUP NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: APR 77 THRU APR 78

SITE: Imperial



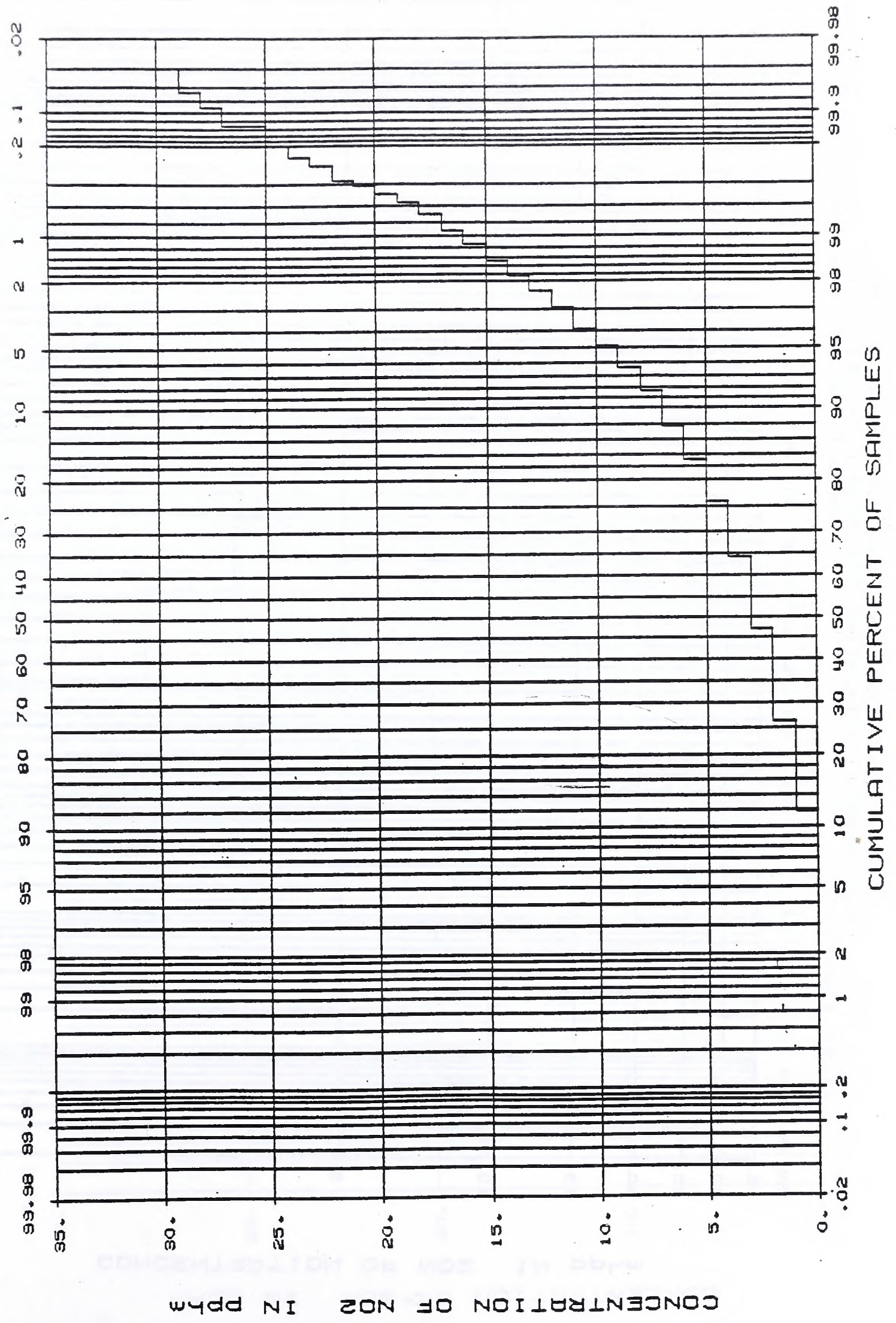
CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 SITE: Imperial DATE RANGE: APR 77 THRU APR 78



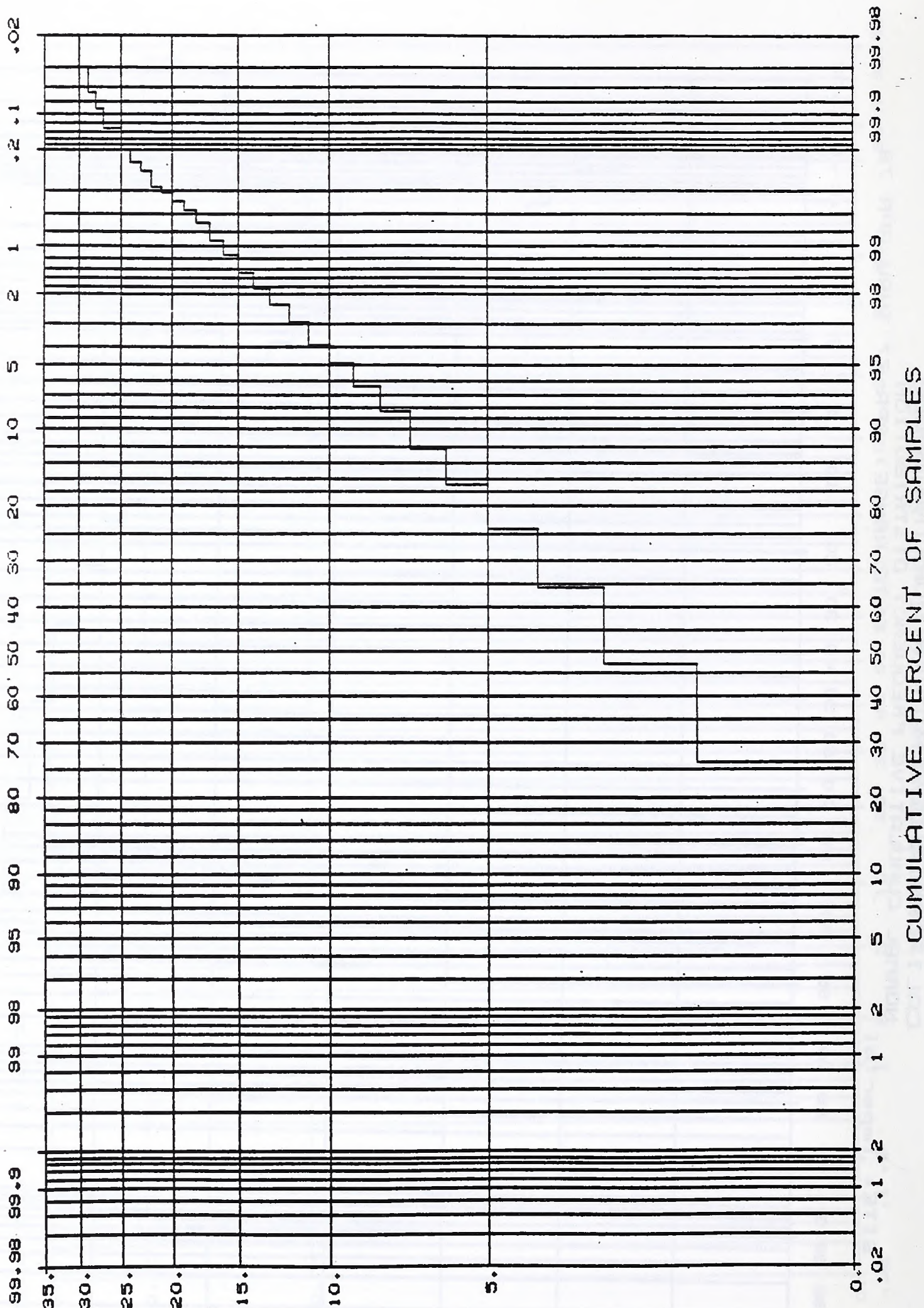
CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: APR 77 THRU APR 78

SITE: Imperial



CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
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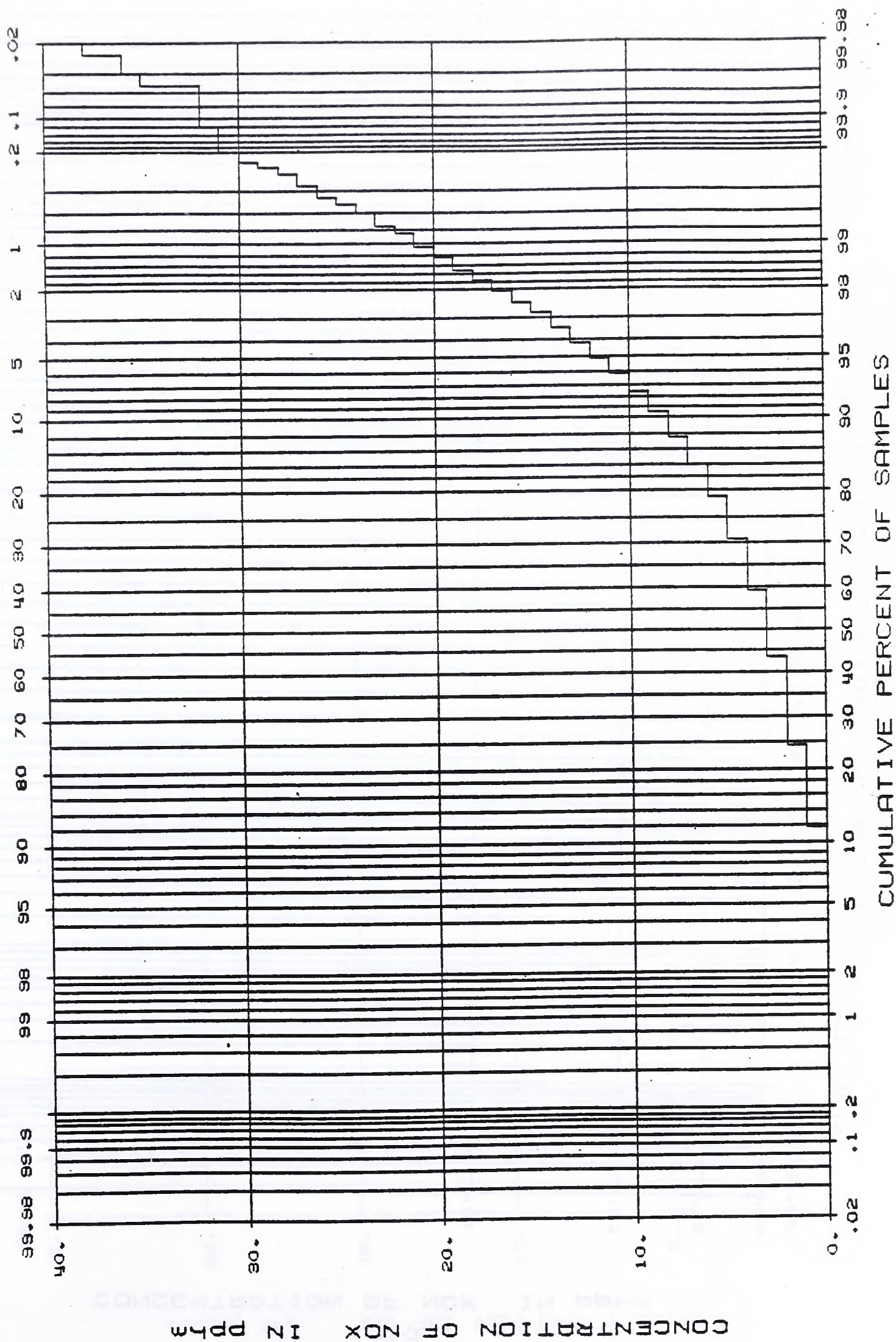


CONCENTRATION OF NO2 IN PPB

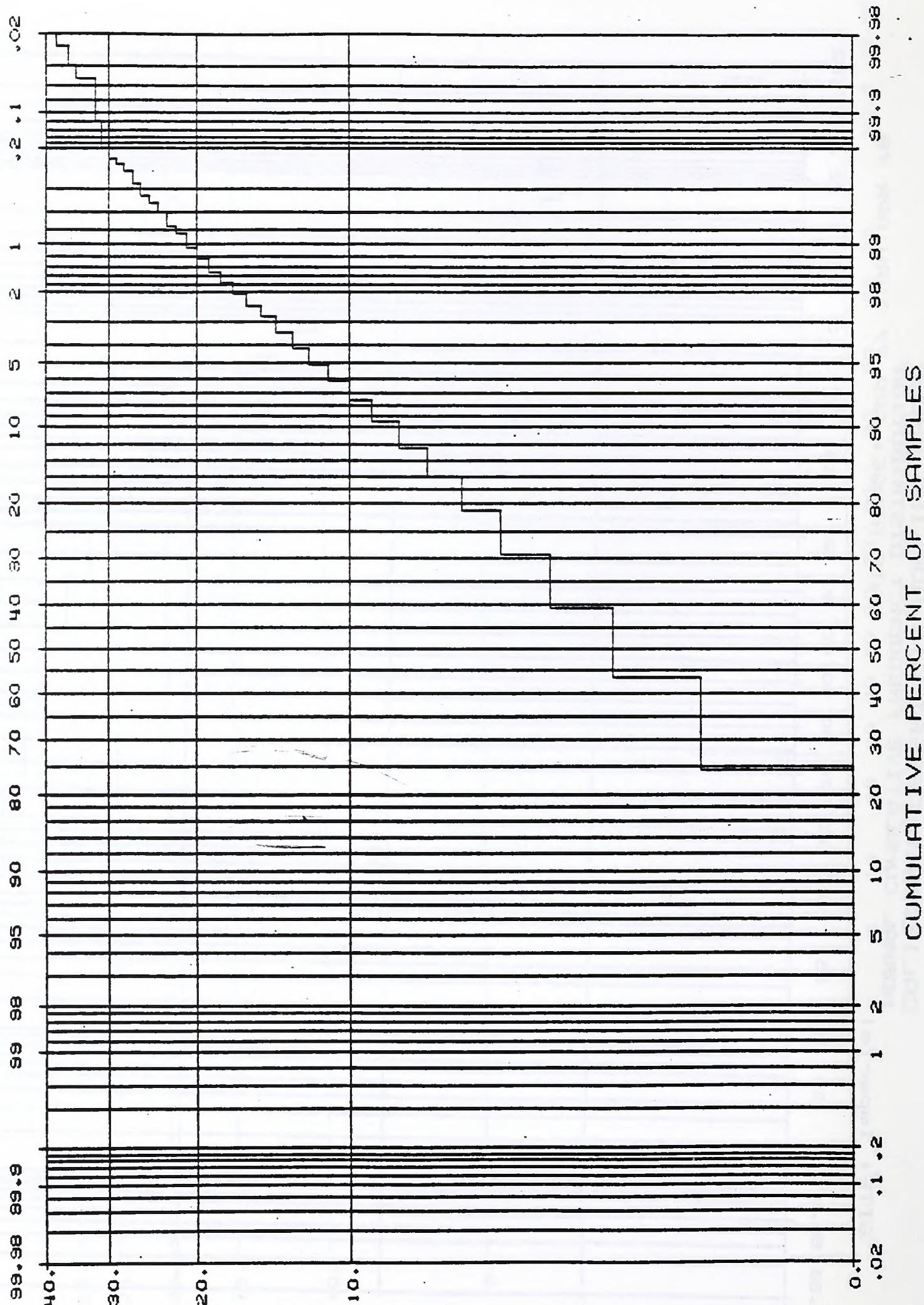
CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: APR 77 THRU APR 78

SITE: Imperial



CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 SITE: Imperial DATE RANGE: APR 77 THRU APR 78

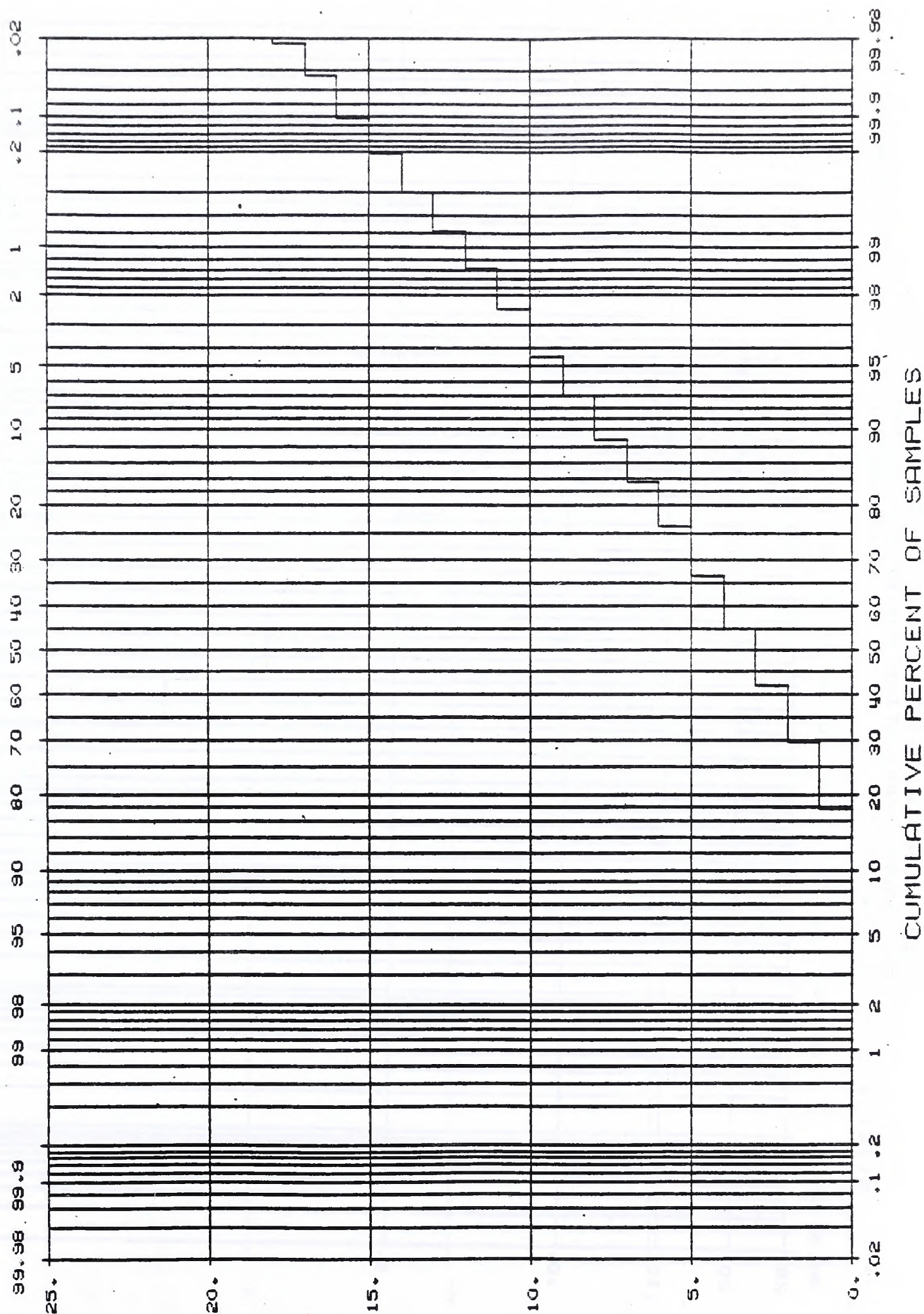


CONCENTRATION OF NOx IN PPM

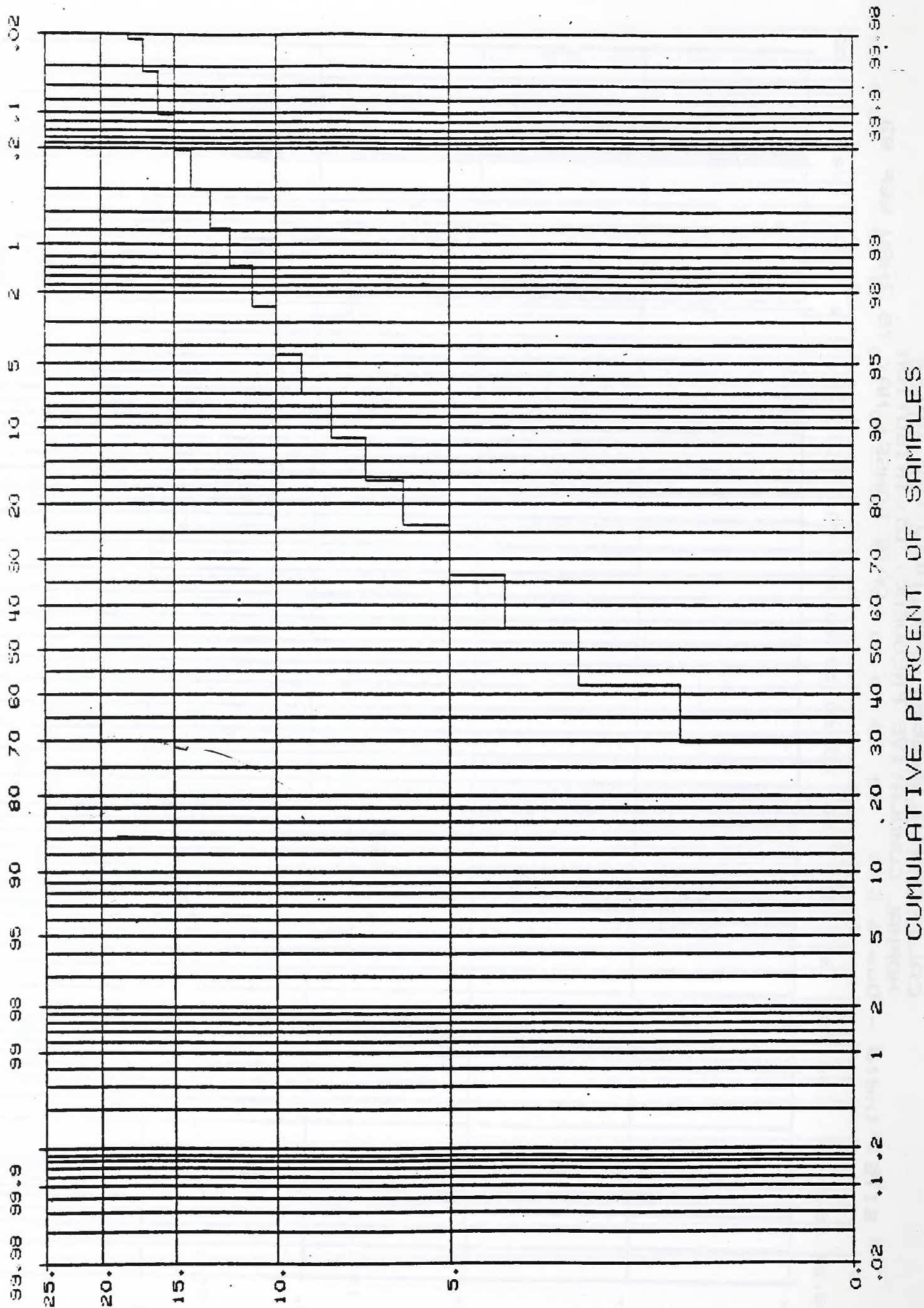
CALIFORNIA DESERT AIR WORKING GROUP NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: MAY 75 THRU SEP 83

SITE: Indro - Ocala St.



CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: MAY 75 THRU SEP 83
 SITE: Indio - Oasi St.

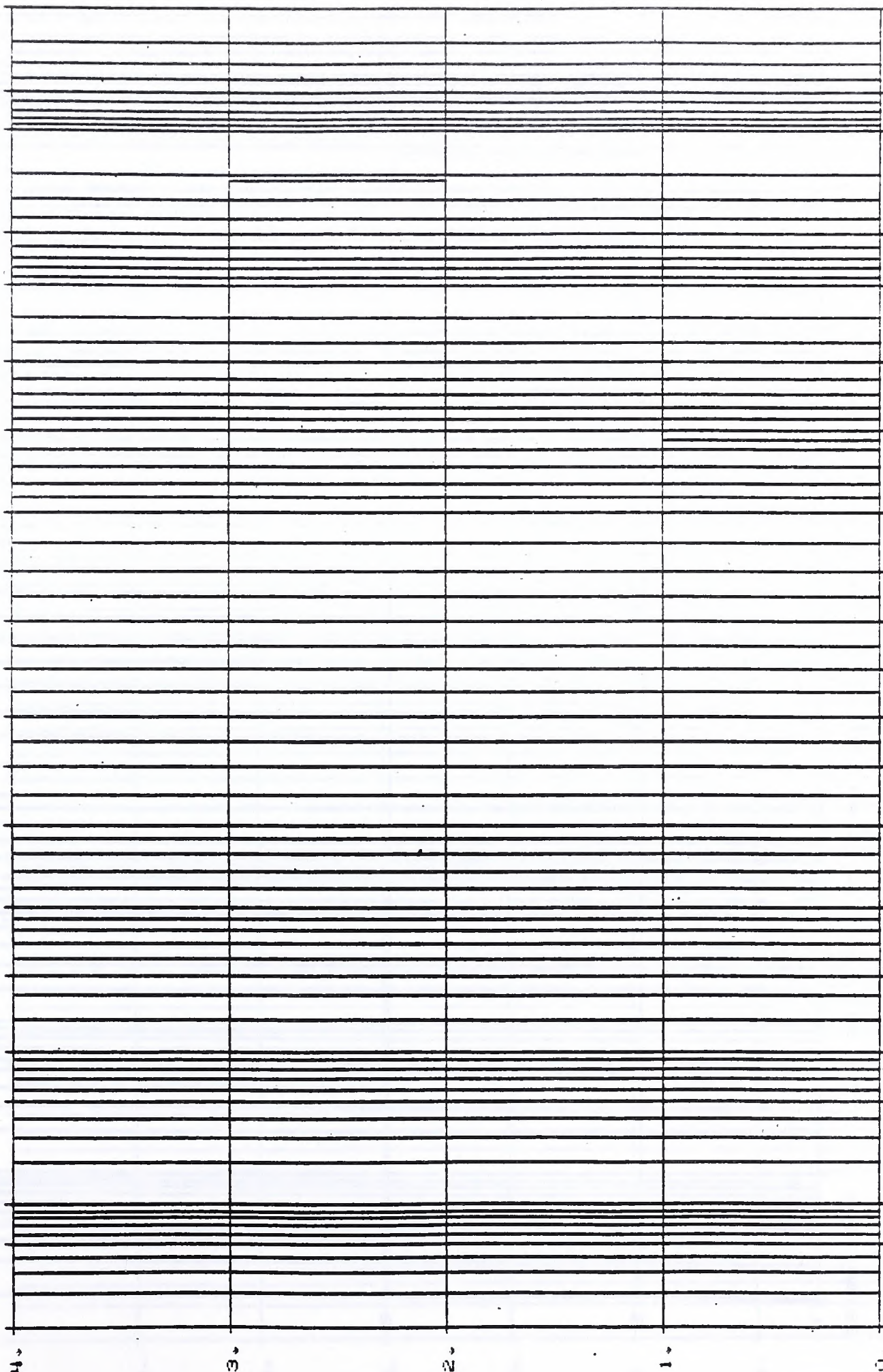


CALIFORNIA DESERT AIR WORKING GROUP NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: MAY 72 THRU DEC 77

SITE: Indio - Oost's St.

99.98 99.9 99.98 99.95 99.9 99.8 99.7 99.6 99.5 99.4 99.3 99.2 99.1 99.0 98.9 98.8 98.7 98.6 98.5 98.4 98.3 98.2 98.1 98.0 97.9 97.8 97.7 97.6 97.5 97.4 97.3 97.2 97.1 97.0 96.9 96.8 96.7 96.6 96.5 96.4 96.3 96.2 96.1 96.0 95.9 95.8 95.7 95.6 95.5 95.4 95.3 95.2 95.1 95.0 94.9 94.8 94.7 94.6 94.5 94.4 94.3 94.2 94.1 94.0 93.9 93.8 93.7 93.6 93.5 93.4 93.3 93.2 93.1 93.0 92.9 92.8 92.7 92.6 92.5 92.4 92.3 92.2 92.1 92.0 91.9 91.8 91.7 91.6 91.5 91.4 91.3 91.2 91.1 91.0 90.9 90.8 90.7 90.6 90.5 90.4 90.3 90.2 90.1 90.0 89.9 89.8 89.7 89.6 89.5 89.4 89.3 89.2 89.1 89.0 88.9 88.8 88.7 88.6 88.5 88.4 88.3 88.2 88.1 88.0 87.9 87.8 87.7 87.6 87.5 87.4 87.3 87.2 87.1 87.0 86.9 86.8 86.7 86.6 86.5 86.4 86.3 86.2 86.1 86.0 85.9 85.8 85.7 85.6 85.5 85.4 85.3 85.2 85.1 85.0 84.9 84.8 84.7 84.6 84.5 84.4 84.3 84.2 84.1 84.0 83.9 83.8 83.7 83.6 83.5 83.4 83.3 83.2 83.1 83.0 82.9 82.8 82.7 82.6 82.5 82.4 82.3 82.2 82.1 82.0 81.9 81.8 81.7 81.6 81.5 81.4 81.3 81.2 81.1 81.0 80.9 80.8 80.7 80.6 80.5 80.4 80.3 80.2 80.1 80.0 79.9 79.8 79.7 79.6 79.5 79.4 79.3 79.2 79.1 79.0 78.9 78.8 78.7 78.6 78.5 78.4 78.3 78.2 78.1 78.0 77.9 77.8 77.7 77.6 77.5 77.4 77.3 77.2 77.1 77.0 76.9 76.8 76.7 76.6 76.5 76.4 76.3 76.2 76.1 76.0 75.9 75.8 75.7 75.6 75.5 75.4 75.3 75.2 75.1 75.0 74.9 74.8 74.7 74.6 74.5 74.4 74.3 74.2 74.1 74.0 73.9 73.8 73.7 73.6 73.5 73.4 73.3 73.2 73.1 73.0 72.9 72.8 72.7 72.6 72.5 72.4 72.3 72.2 72.1 72.0 71.9 71.8 71.7 71.6 71.5 71.4 71.3 71.2 71.1 71.0 70.9 70.8 70.7 70.6 70.5 70.4 70.3 70.2 70.1 70.0 69.9 69.8 69.7 69.6 69.5 69.4 69.3 69.2 69.1 69.0 68.9 68.8 68.7 68.6 68.5 68.4 68.3 68.2 68.1 68.0 67.9 67.8 67.7 67.6 67.5 67.4 67.3 67.2 67.1 67.0 66.9 66.8 66.7 66.6 66.5 66.4 66.3 66.2 66.1 66.0 65.9 65.8 65.7 65.6 65.5 65.4 65.3 65.2 65.1 65.0 64.9 64.8 64.7 64.6 64.5 64.4 64.3 64.2 64.1 64.0 63.9 63.8 63.7 63.6 63.5 63.4 63.3 63.2 63.1 63.0 62.9 62.8 62.7 62.6 62.5 62.4 62.3 62.2 62.1 62.0 61.9 61.8 61.7 61.6 61.5 61.4 61.3 61.2 61.1 61.0 60.9 60.8 60.7 60.6 60.5 60.4 60.3 60.2 60.1 60.0 59.9 59.8 59.7 59.6 59.5 59.4 59.3 59.2 59.1 59.0 58.9 58.8 58.7 58.6 58.5 58.4 58.3 58.2 58.1 58.0 57.9 57.8 57.7 57.6 57.5 57.4 57.3 57.2 57.1 57.0 56.9 56.8 56.7 56.6 56.5 56.4 56.3 56.2 56.1 56.0 55.9 55.8 55.7 55.6 55.5 55.4 55.3 55.2 55.1 55.0 54.9 54.8 54.7 54.6 54.5 54.4 54.3 54.2 54.1 54.0 53.9 53.8 53.7 53.6 53.5 53.4 53.3 53.2 53.1 53.0 52.9 52.8 52.7 52.6 52.5 52.4 52.3 52.2 52.1 52.0 51.9 51.8 51.7 51.6 51.5 51.4 51.3 51.2 51.1 51.0 50.9 50.8 50.7 50.6 50.5 50.4 50.3 50.2 50.1 50.0 49.9 49.8 49.7 49.6 49.5 49.4 49.3 49.2 49.1 49.0 48.9 48.8 48.7 48.6 48.5 48.4 48.3 48.2 48.1 48.0 47.9 47.8 47.7 47.6 47.5 47.4 47.3 47.2 47.1 47.0 46.9 46.8 46.7 46.6 46.5 46.4 46.3 46.2 46.1 46.0 45.9 45.8 45.7 45.6 45.5 45.4 45.3 45.2 45.1 45.0 44.9 44.8 44.7 44.6 44.5 44.4 44.3 44.2 44.1 44.0 43.9 43.8 43.7 43.6 43.5 43.4 43.3 43.2 43.1 43.0 42.9 42.8 42.7 42.6 42.5 42.4 42.3 42.2 42.1 42.0 41.9 41.8 41.7 41.6 41.5 41.4 41.3 41.2 41.1 41.0 40.9 40.8 40.7 40.6 40.5 40.4 40.3 40.2 40.1 40.0 39.9 39.8 39.7 39.6 39.5 39.4 39.3 39.2 39.1 39.0 38.9 38.8 38.7 38.6 38.5 38.4 38.3 38.2 38.1 38.0 37.9 37.8 37.7 37.6 37.5 37.4 37.3 37.2 37.1 37.0 36.9 36.8 36.7 36.6 36.5 36.4 36.3 36.2 36.1 36.0 35.9 35.8 35.7 35.6 35.5 35.4 35.3 35.2 35.1 35.0 34.9 34.8 34.7 34.6 34.5 34.4 34.3 34.2 34.1 34.0 33.9 33.8 33.7 33.6 33.5 33.4 33.3 33.2 33.1 33.0 32.9 32.8 32.7 32.6 32.5 32.4 32.3 32.2 32.1 32.0 31.9 31.8 31.7 31.6 31.5 31.4 31.3 31.2 31.1 31.0 30.9 30.8 30.7 30.6 30.5 30.4 30.3 30.2 30.1 30.0 29.9 29.8 29.7 29.6 29.5 29.4 29.3 29.2 29.1 29.0 28.9 28.8 28.7 28.6 28.5 28.4 28.3 28.2 28.1 28.0 27.9 27.8 27.7 27.6 27.5 27.4 27.3 27.2 27.1 27.0 26.9 26.8 26.7 26.6 26.5 26.4 26.3 26.2 26.1 26.0 25.9 25.8 25.7 25.6 25.5 25.4 25.3 25.2 25.1 25.0 24.9 24.8 24.7 24.6 24.5 24.4 24.3 24.2 24.1 24.0 23.9 23.8 23.7 23.6 23.5 23.4 23.3 23.2 23.1 23.0 22.9 22.8 22.7 22.6 22.5 22.4 22.3 22.2 22.1 22.0 21.9 21.8 21.7 21.6 21.5 21.4 21.3 21.2 21.1 21.0 20.9 20.8 20.7 20.6 20.5 20.4 20.3 20.2 20.1 20.0 19.9 19.8 19.7 19.6 19.5 19.4 19.3 19.2 19.1 19.0 18.9 18.8 18.7 18.6 18.5 18.4 18.3 18.2 18.1 18.0 17.9 17.8 17.7 17.6 17.5 17.4 17.3 17.2 17.1 17.0 16.9 16.8 16.7 16.6 16.5 16.4 16.3 16.2 16.1 16.0 15.9 15.8 15.7 15.6 15.5 15.4 15.3 15.2 15.1 15.0 14.9 14.8 14.7 14.6 14.5 14.4 14.3 14.2 14.1 14.0 13.9 13.8 13.7 13.6 13.5 13.4 13.3 13.2 13.1 13.0 12.9 12.8 12.7 12.6 12.5 12.4 12.3 12.2 12.1 12.0 11.9 11.8 11.7 11.6 11.5 11.4 11.3 11.2 11.1 11.0 10.9 10.8 10.7 10.6 10.5 10.4 10.3 10.2 10.1 10.0 9.9 9.8 9.7 9.6 9.5 9.4 9.3 9.2 9.1 9.0 8.9 8.8 8.7 8.6 8.5 8.4 8.3 8.2 8.1 8.0 7.9 7.8 7.7 7.6 7.5 7.4 7.3 7.2 7.1 7.0 6.9 6.8 6.7 6.6 6.5 6.4 6.3 6.2 6.1 6.0 5.9 5.8 5.7 5.6 5.5 5.4 5.3 5.2 5.1 5.0 4.9 4.8 4.7 4.6 4.5 4.4 4.3 4.2 4.1 4.0 3.9 3.8 3.7 3.6 3.5 3.4 3.3 3.2 3.1 3.0 2.9 2.8 2.7 2.6 2.5 2.4 2.3 2.2 2.1 2.0 1.9 1.8 1.7 1.6 1.5 1.4 1.3 1.2 1.1 1.0 0.9 0.8 0.7 0.6 0.5 0.4 0.3 0.2 0.1 0.0

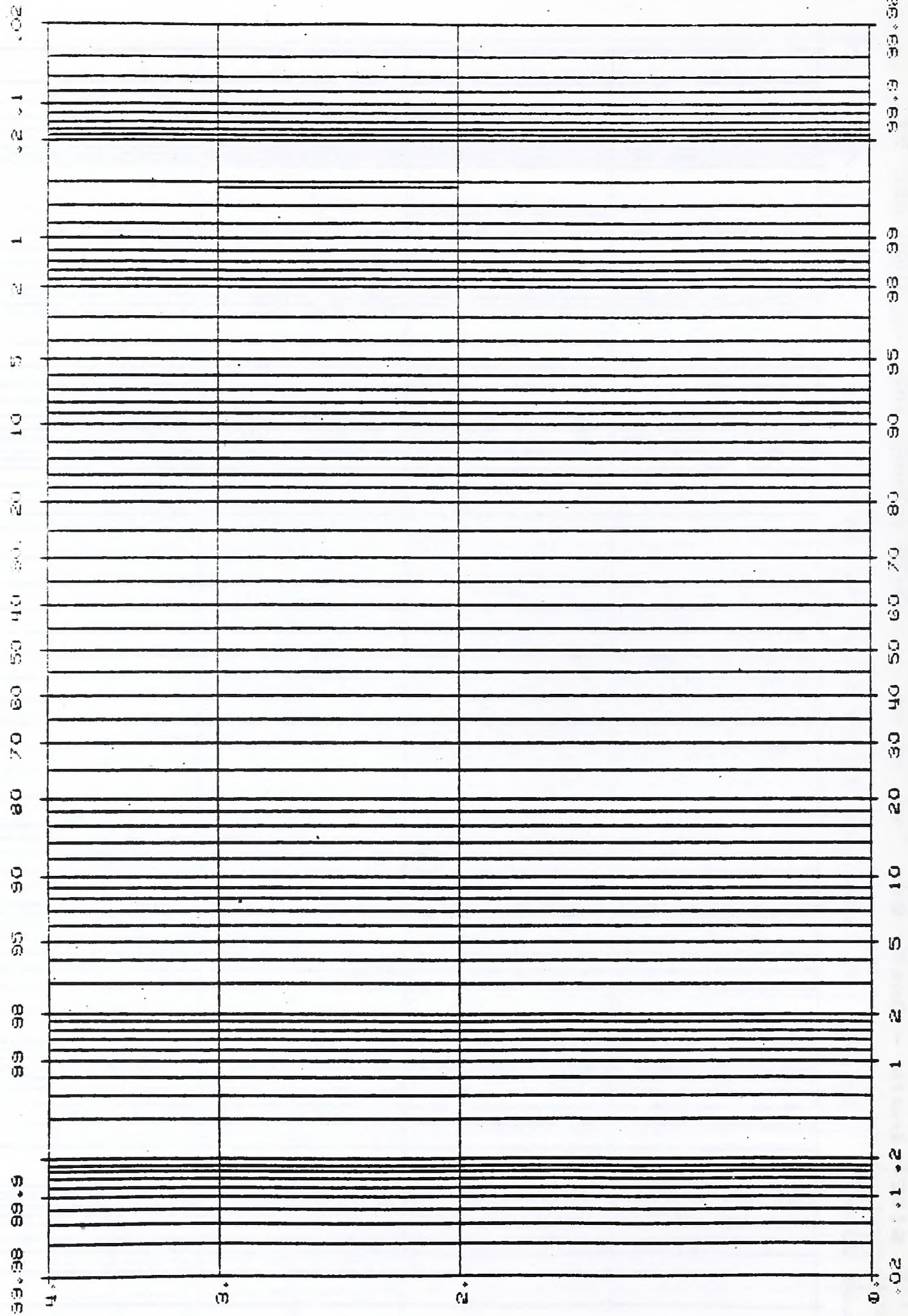


CONCENTRATION OF SO2 IN PPM

CUMULATIVE PERCENT OF SAMPLES

CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

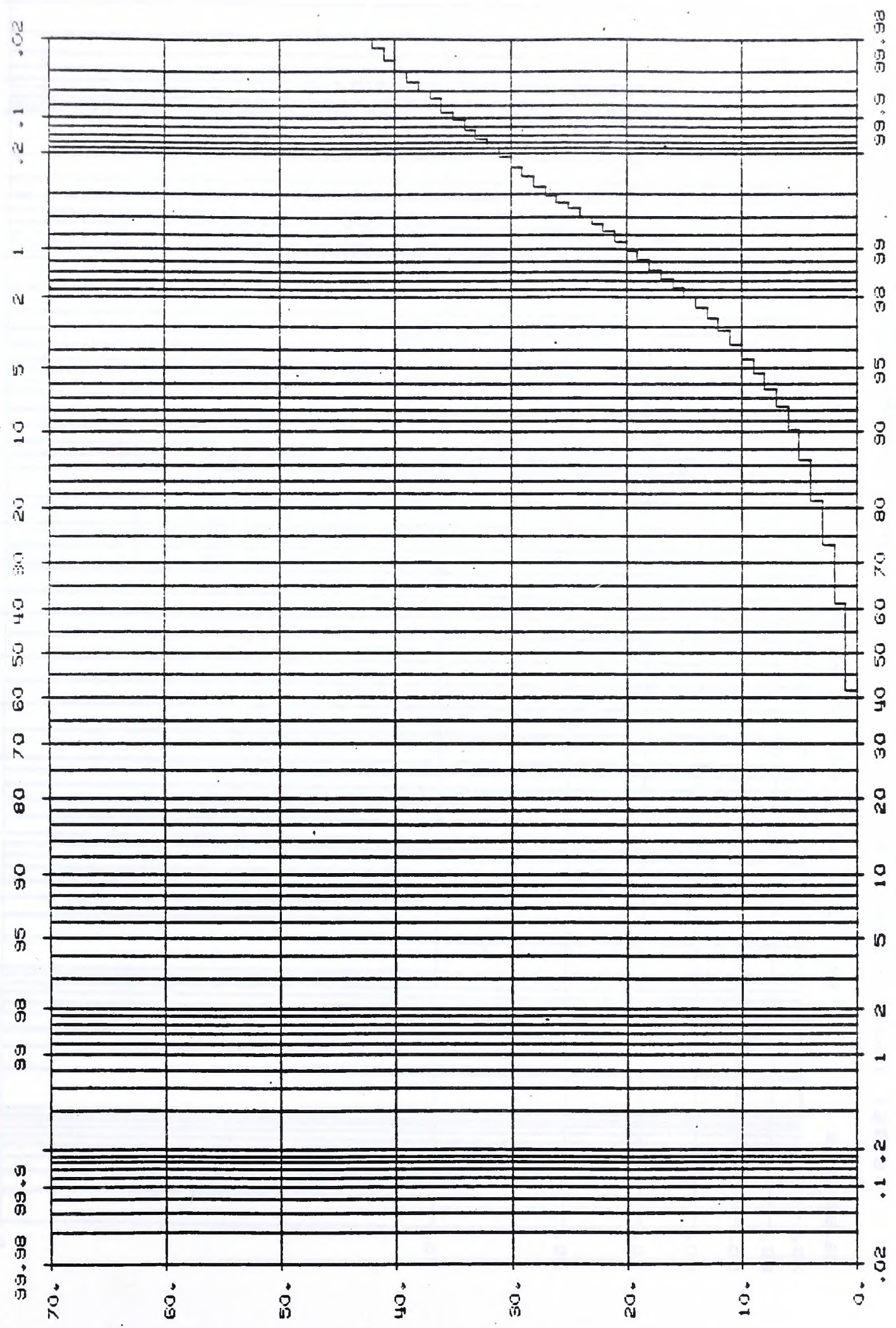
SITE: Indio - Ogawa St. DATE RANGE: MAY 72 THRU DEC 77



CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

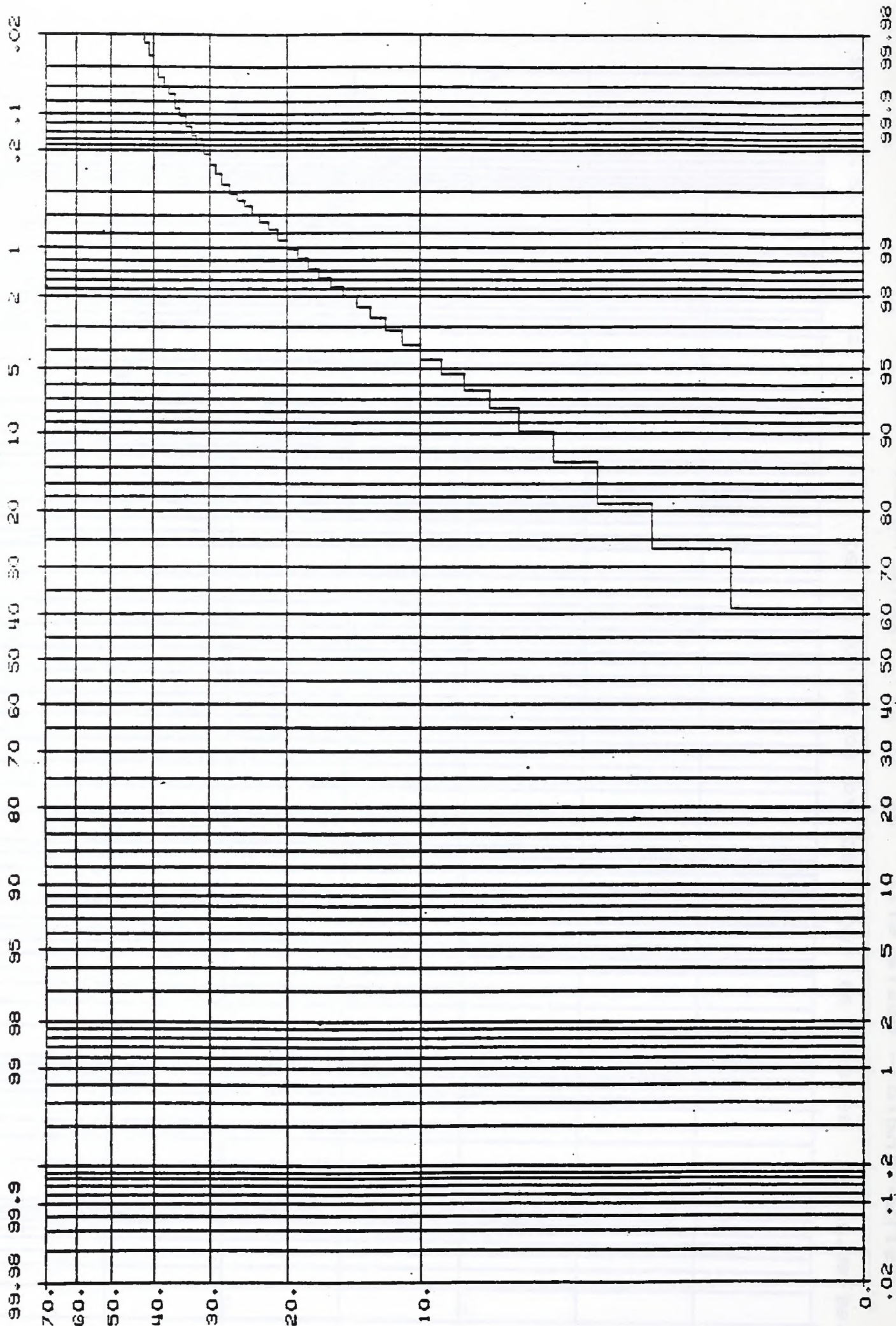
DATE RANGE: JUN 71 THRU JUN 79

SITE: Indro - Oase St.



CALIFORNIA DESERT AIR WORKING GROUP LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

SITE: Indio - Oase St. DATE RANGE: JUN 71 THRU JUN 79



CUMULATIVE PERCENT OF SAMPLES

IN PPB

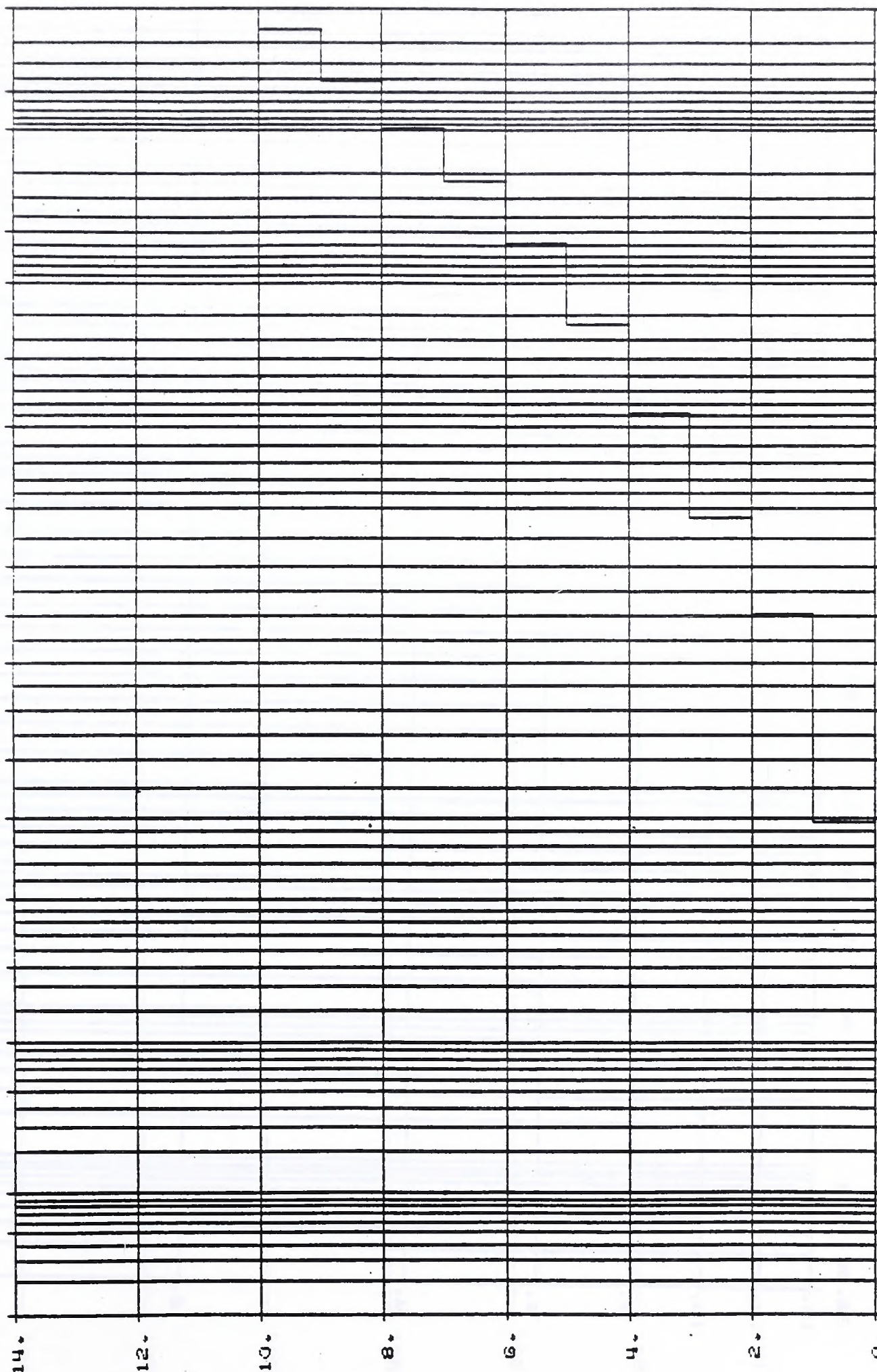
CONCENTRATION OF NO

CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: MAY 71 THRU JUN 79

SITE: Indio - Ocala St.

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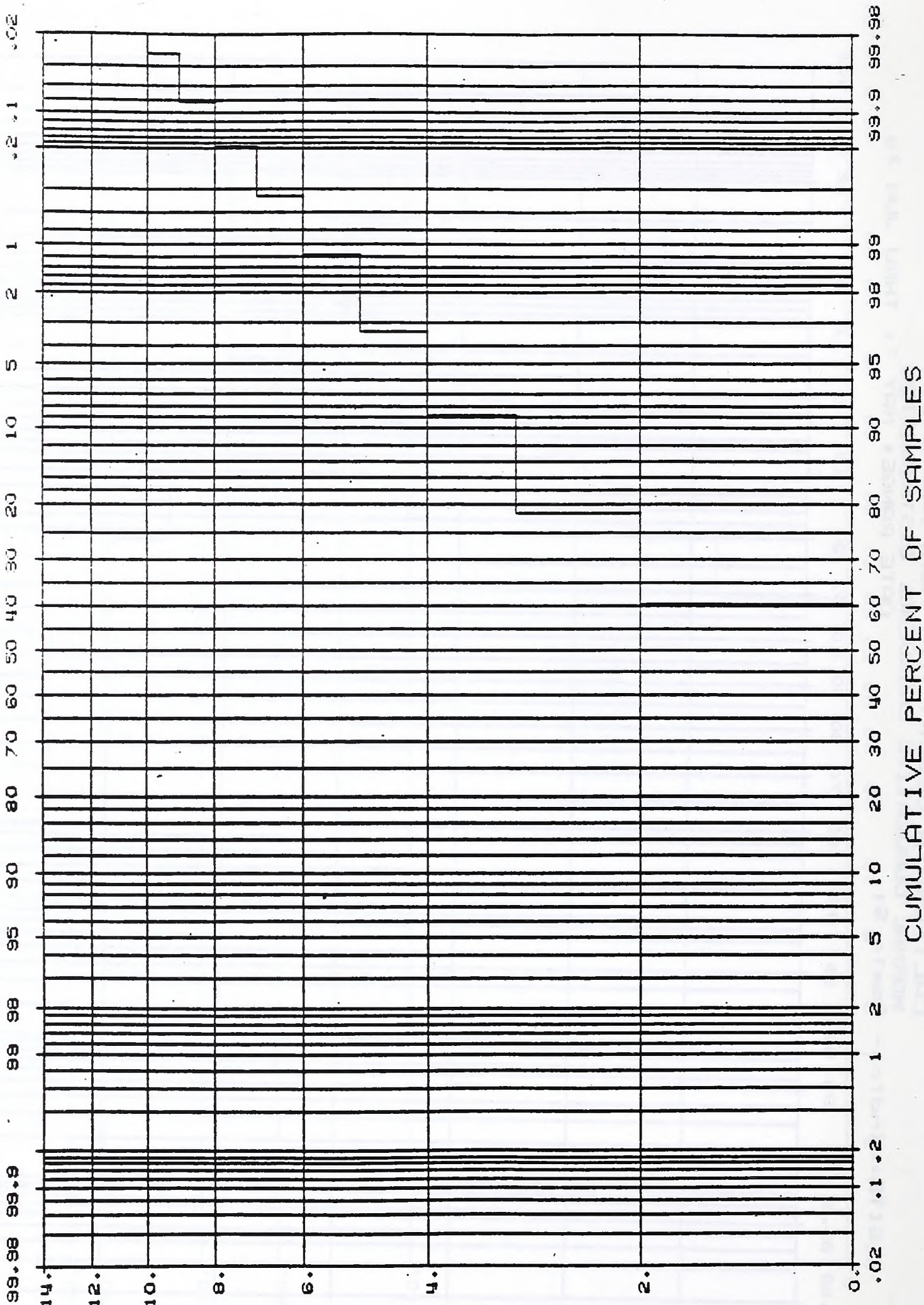
CUMULATIVE PERCENT OF SAMPLES

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CALIFORNIA DESERT AIR WORKING GROUP
LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: MAY 71 THRU JUN 79

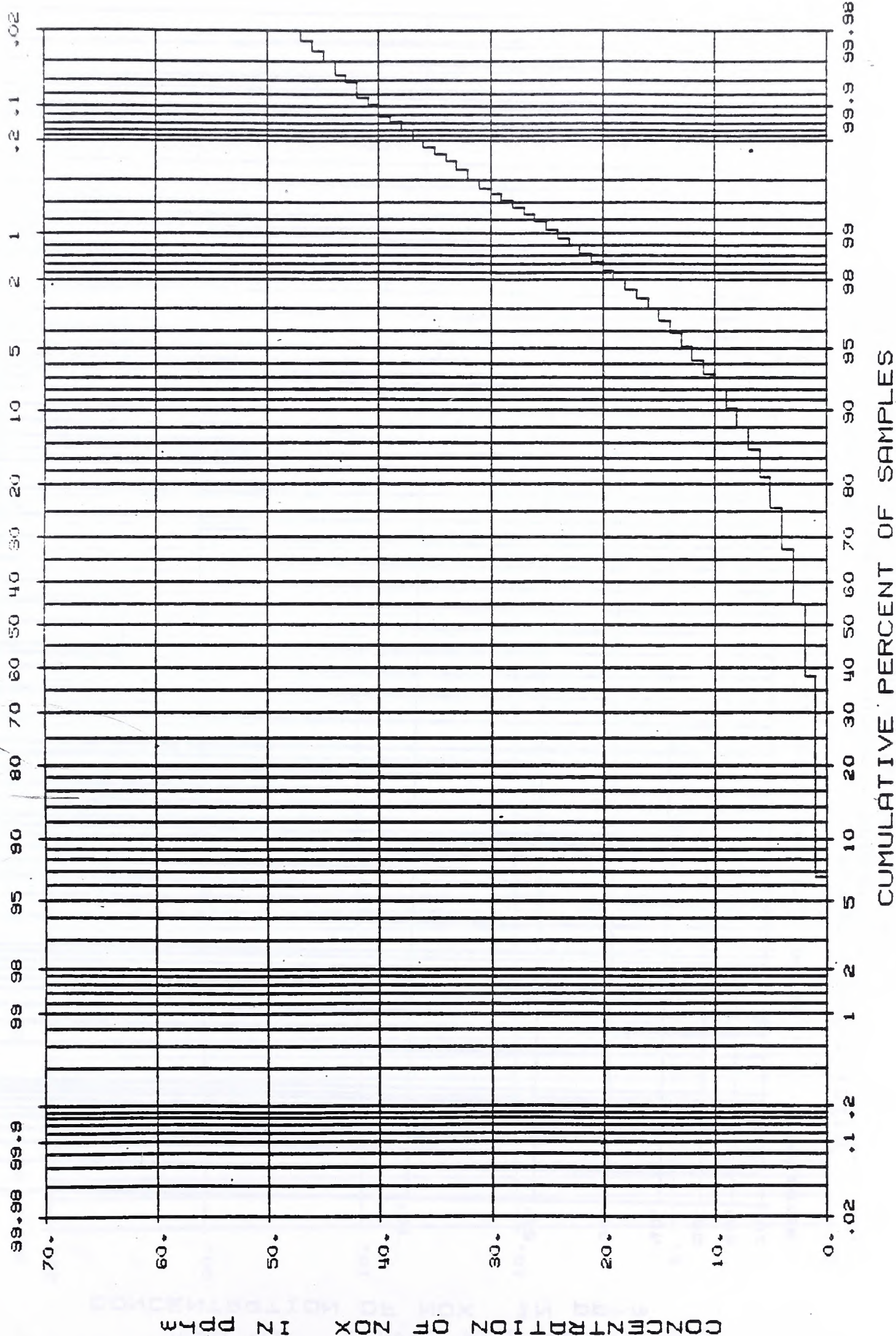
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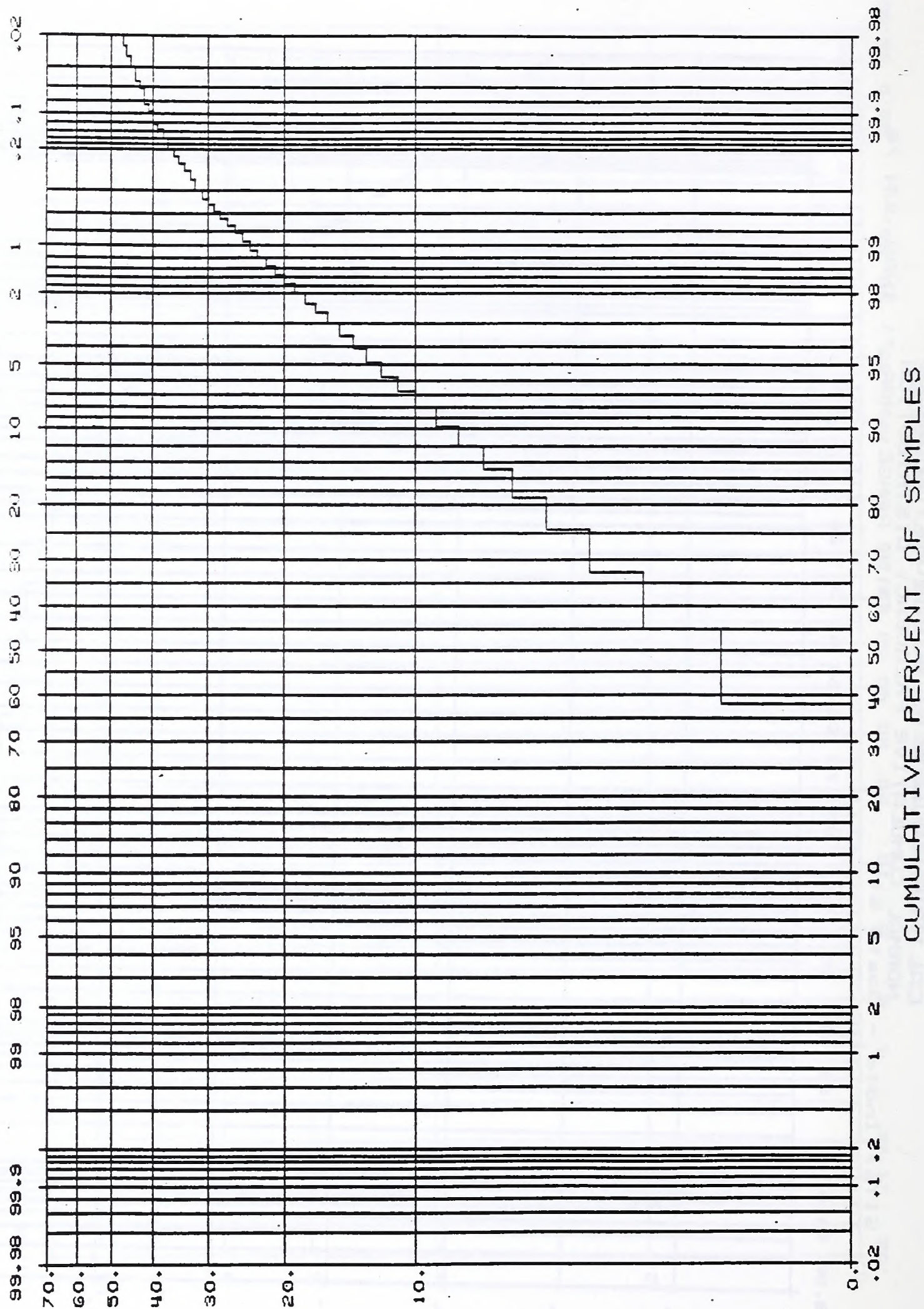
CONCENTRATION OF NO2 IN PPB

CALIFORNIA DESERT AIR WORKING GROUP NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

SITE: Indro - Ocala St. DATE RANGE: MAR 71 THRU JUN 79



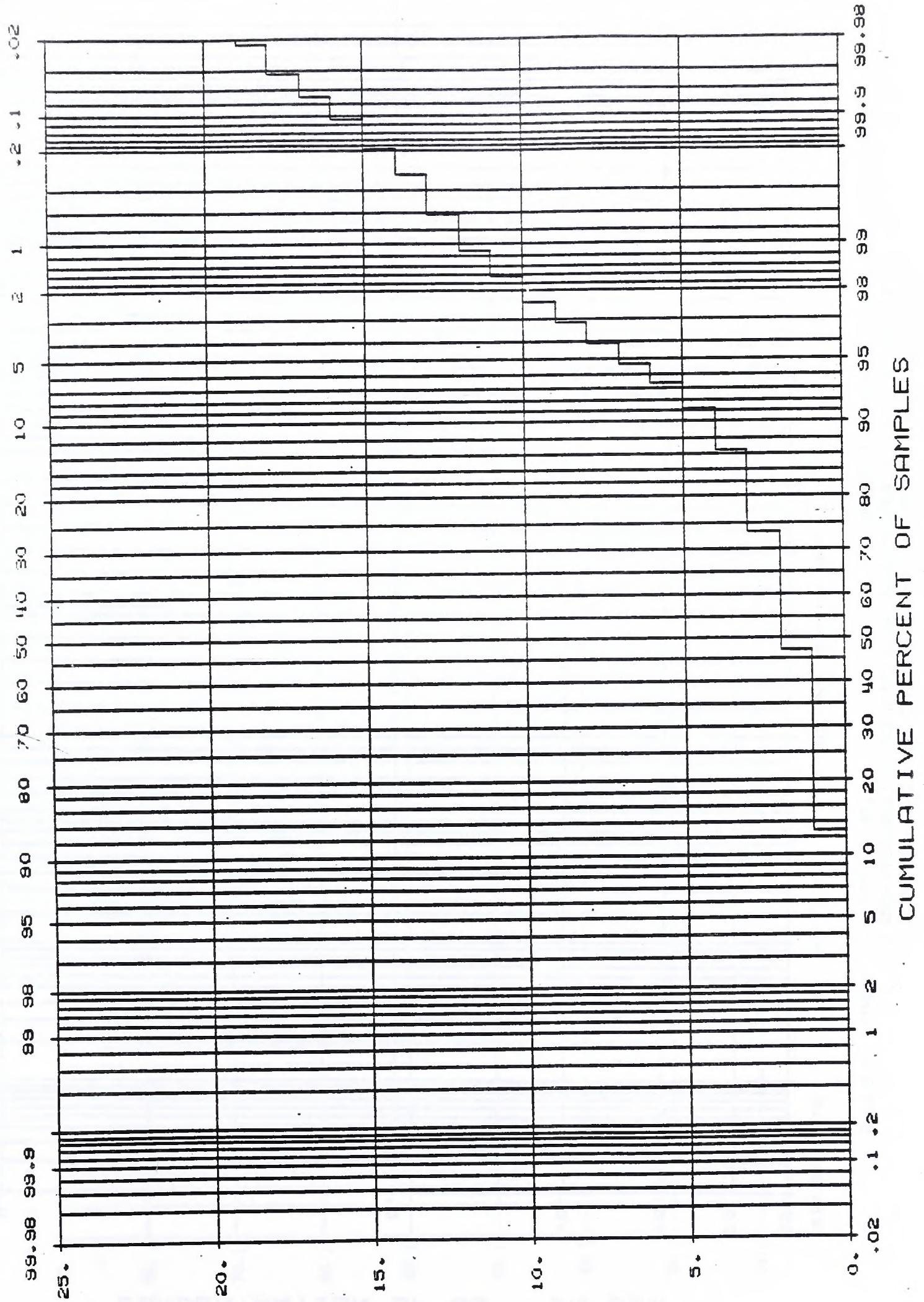
CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 SITE: Indro - Oasls St.
 DATE RANGE: MAR 71 THRU JUN 79



CALIFORNIA DESERT AIR WORKING GROUP NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: JAN 77 THRU DEC 76

SITE: Indro - Oas1s St.



IN PP3

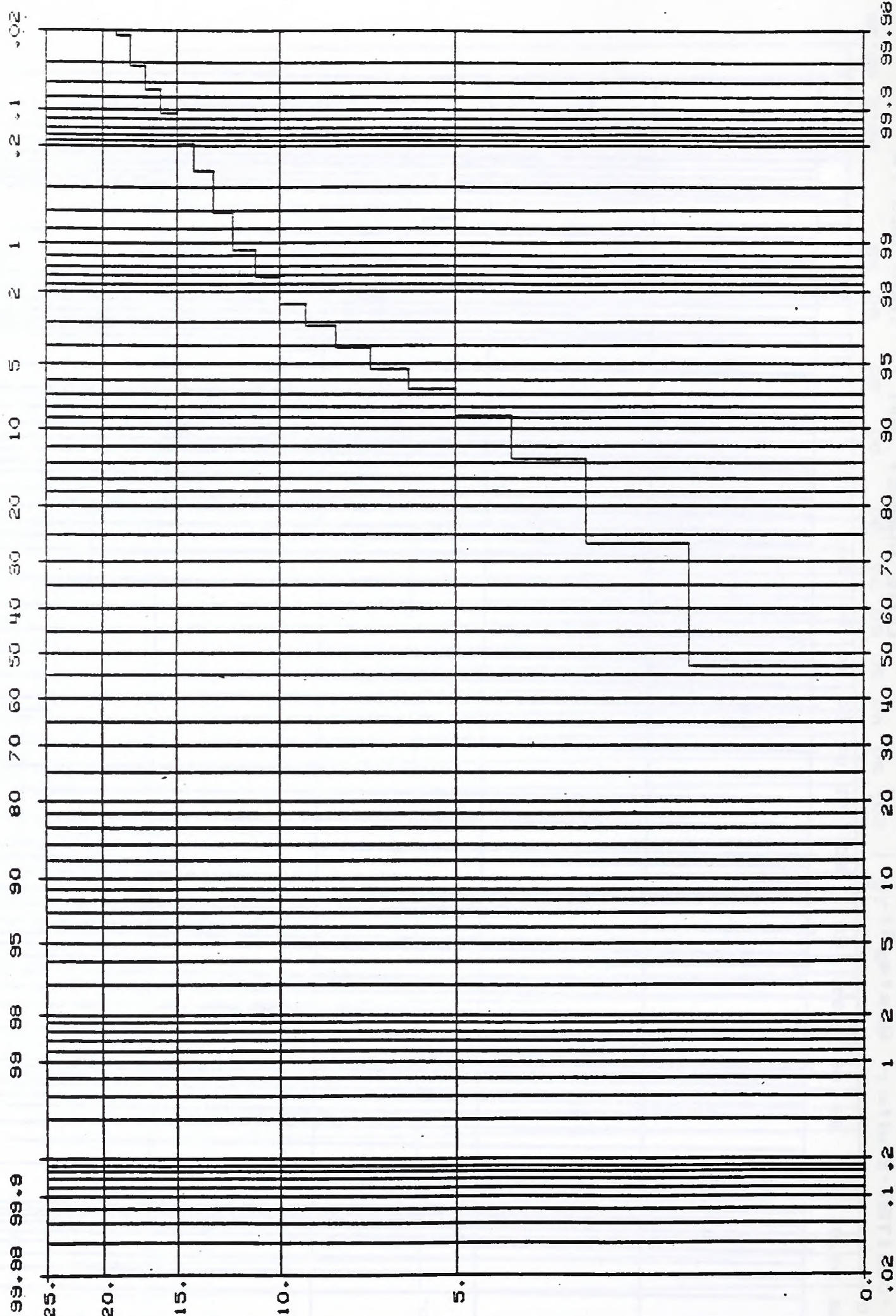
CONCENTRATION OF CO

CALIFORNIA DESERT AIR WORKING GROUP

LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: JAN 77 THRU DEC 76

SITE: Indio - Oasey St.



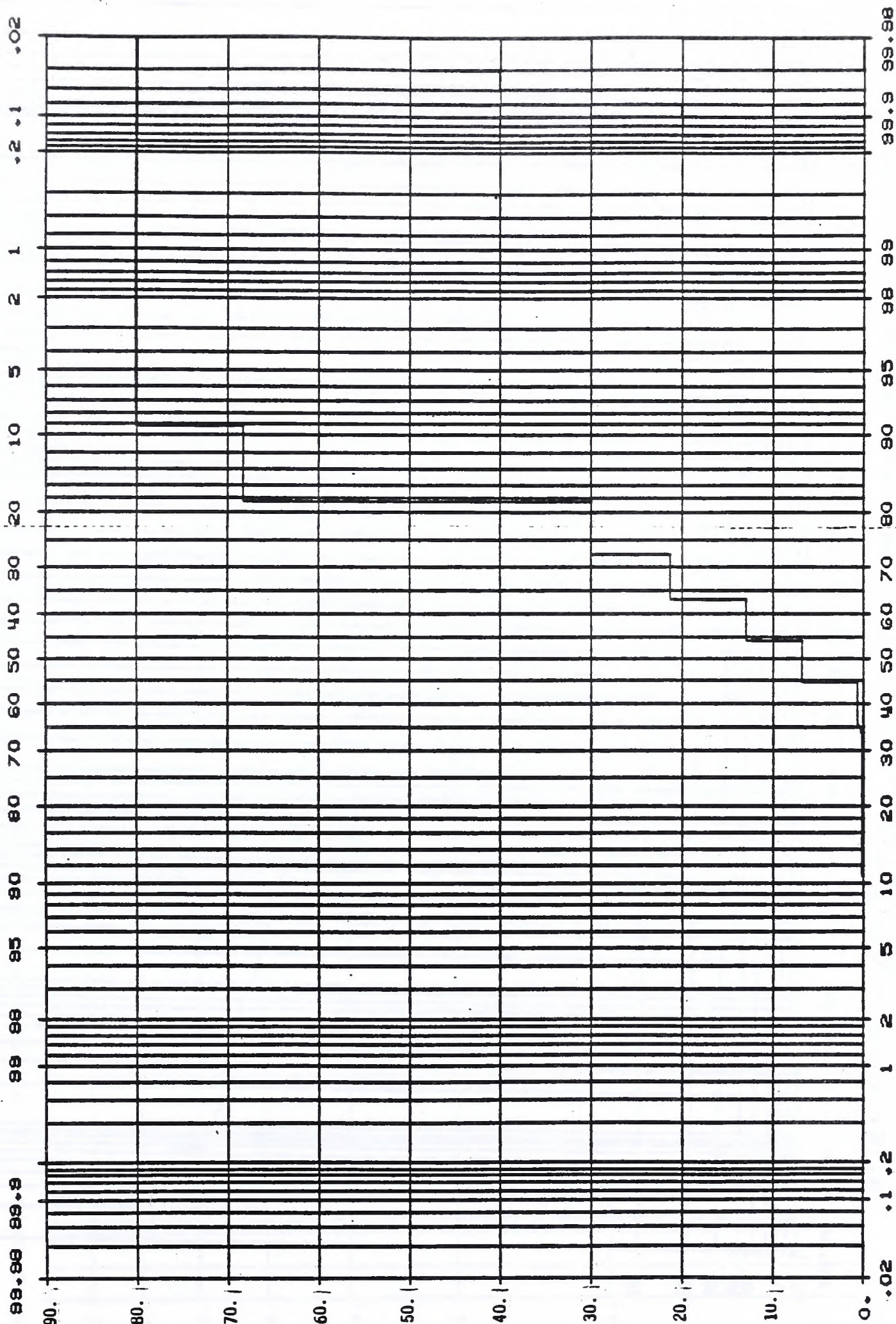
CONCENTRATION OF CO IN PPM

CUMULATIVE PERCENT OF SAMPLES

CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: JAN 70 THRU DEC 82

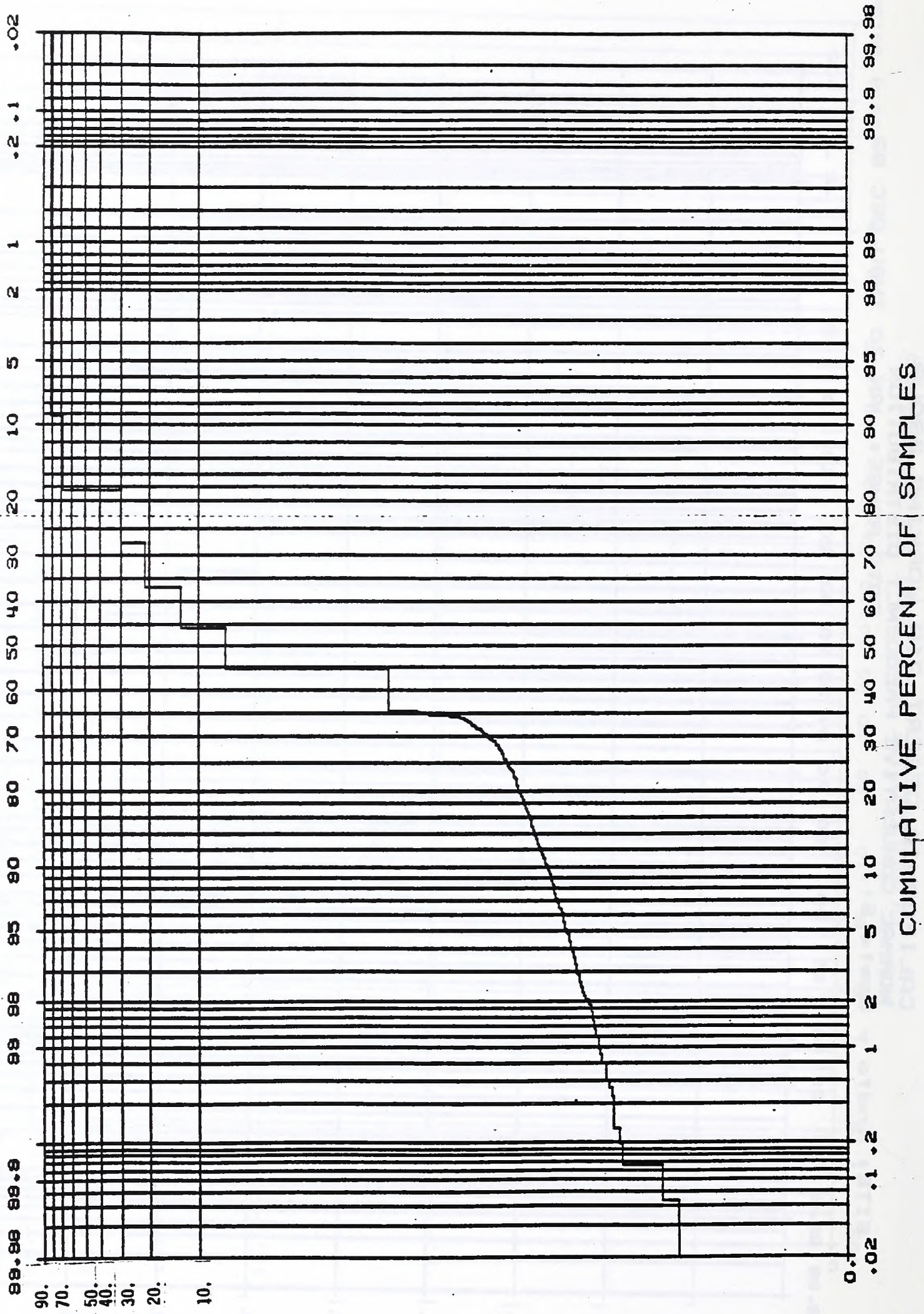
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TSP IN ug/m3

CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
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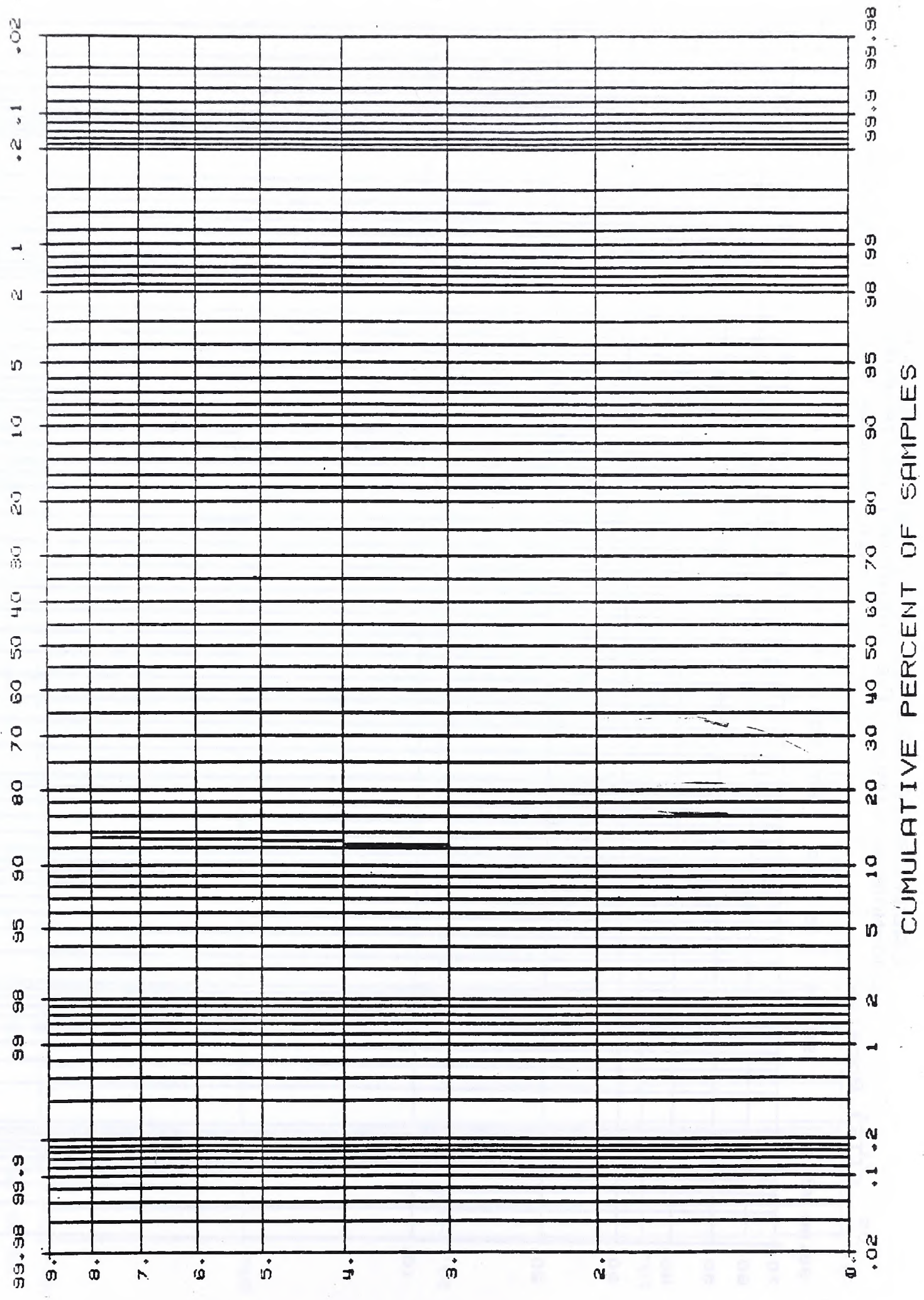
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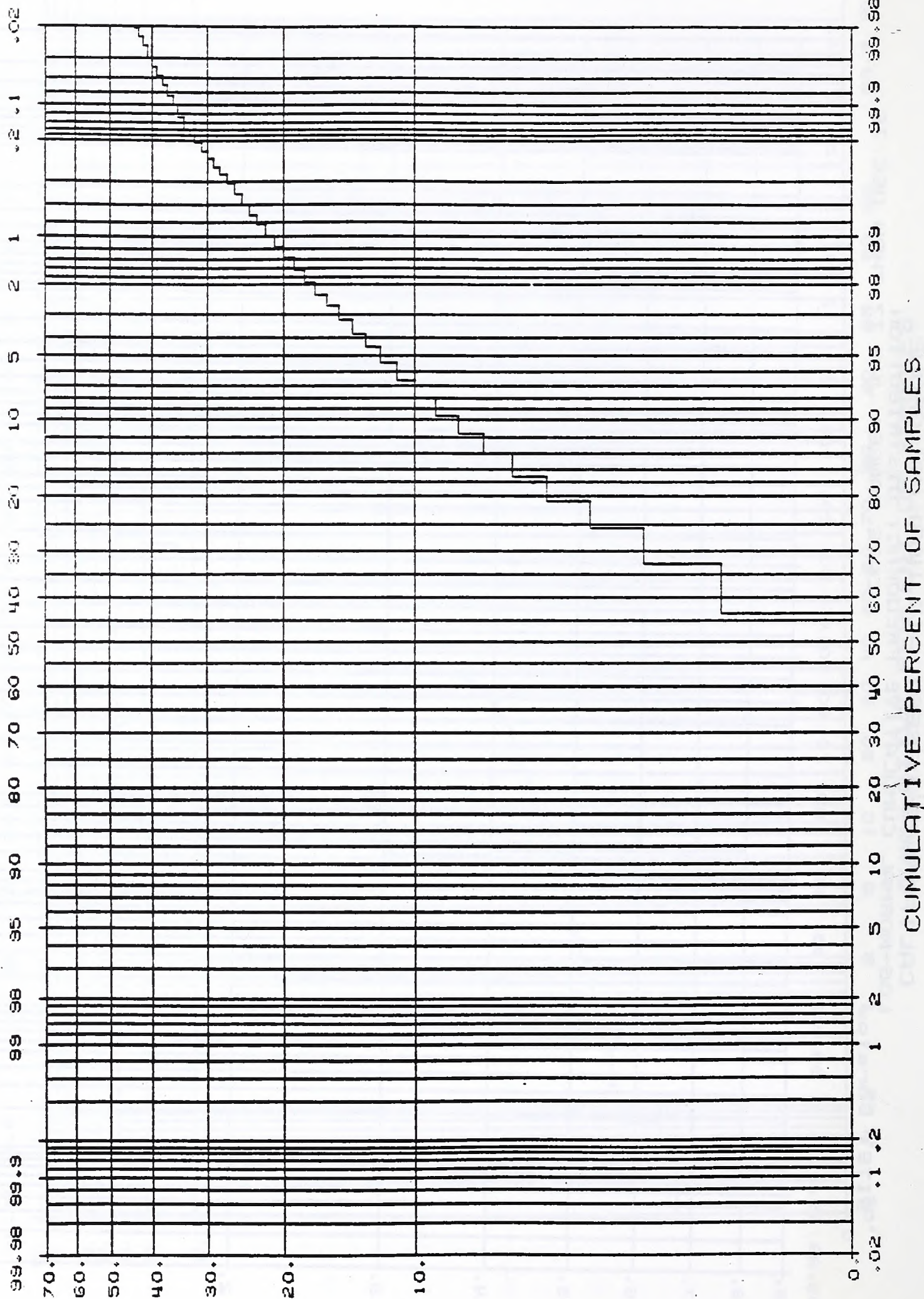
CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: JAN 77 THRU DEC 76

SITE: Barstow



CONCENTRATION OF CO
 HZ PD 3

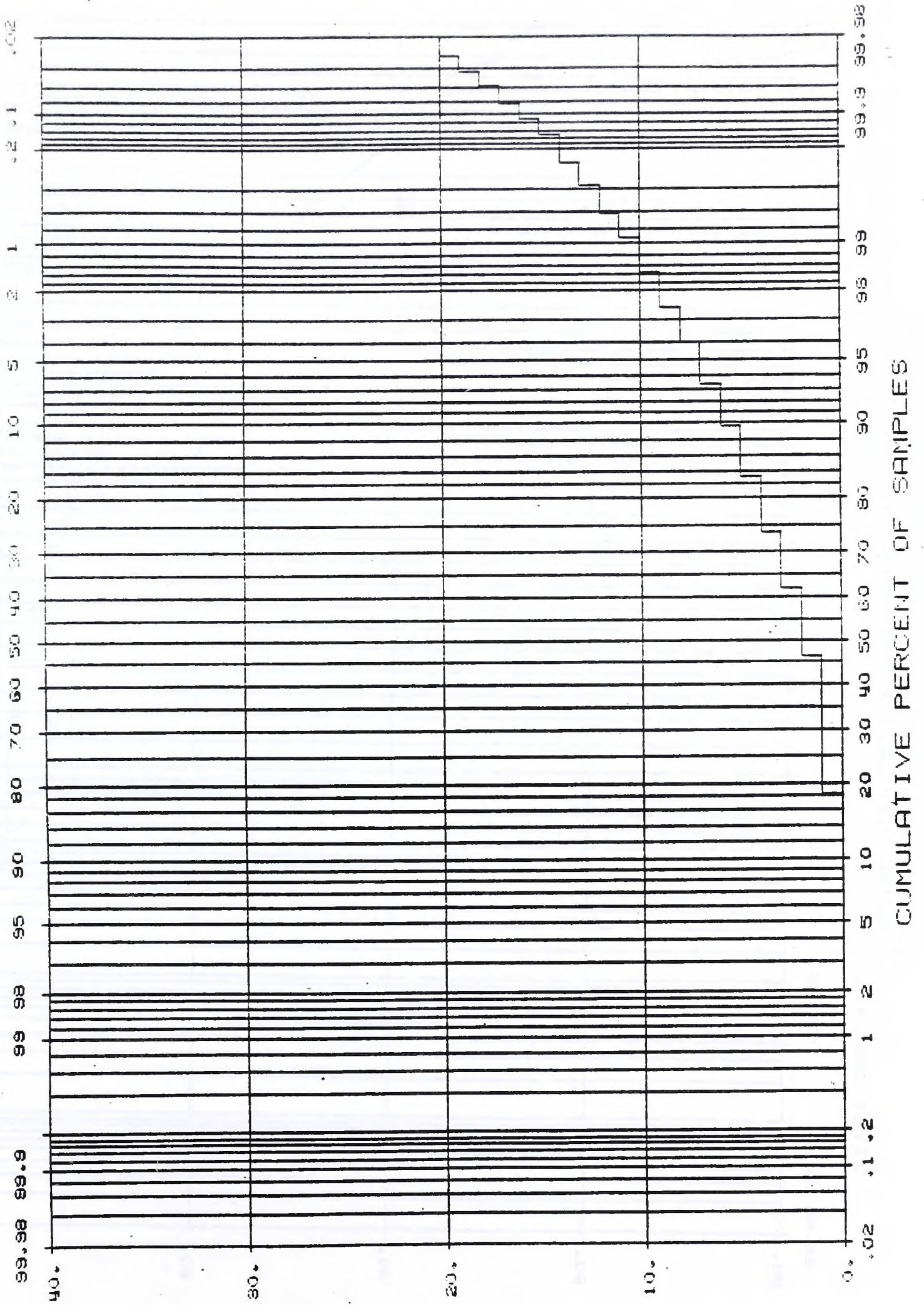
CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: OCT 73 THRU MAR 80
 SITE: Barstow



CALIFORNIA DESERT AIR POLLUTION GROUP NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: OCT 73 THRU OCT 88

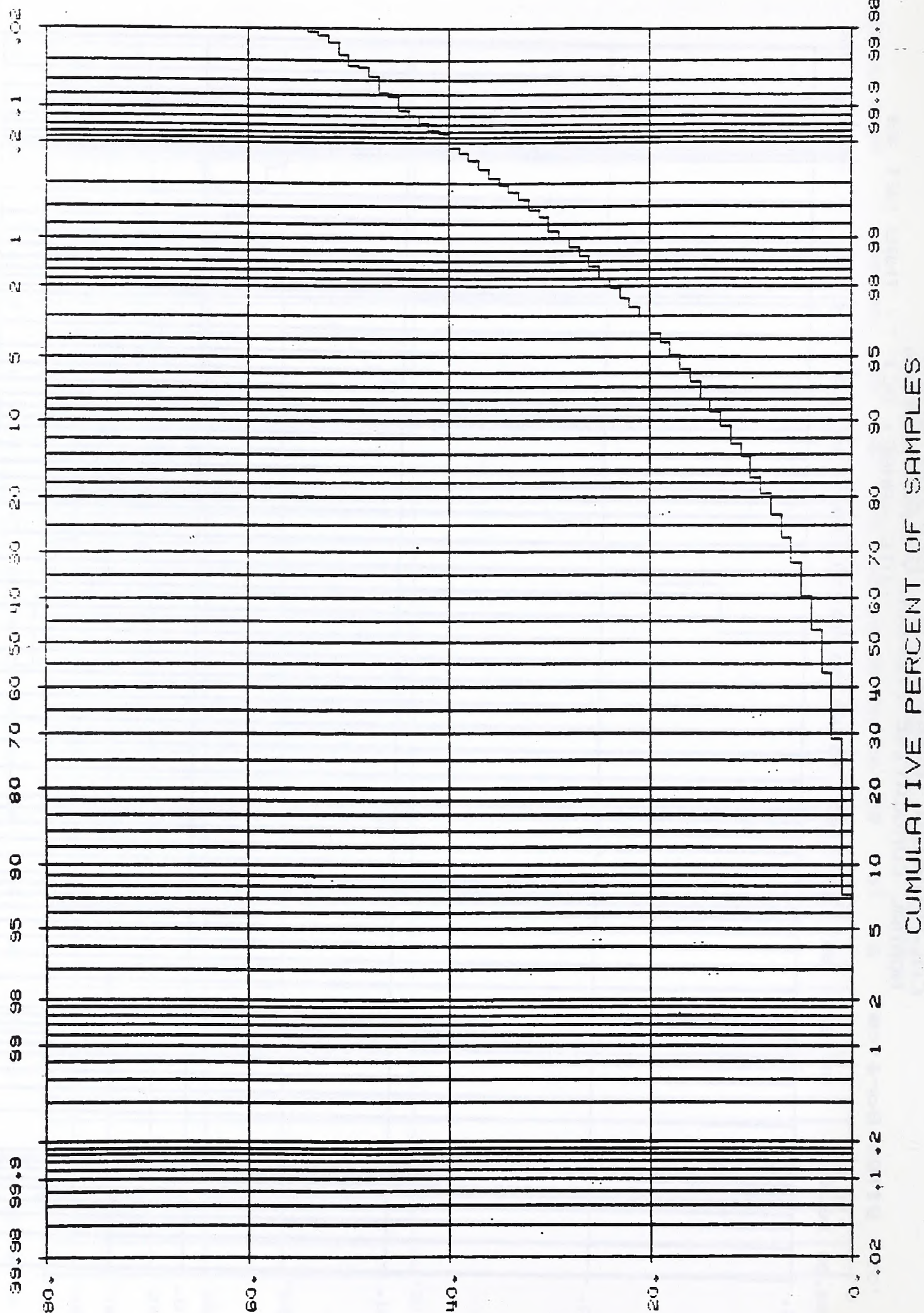
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CALIFORNIA DESERT AIR WORKING GROUP NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: OCT 73 THRU OCT 83

SITE: Baretow

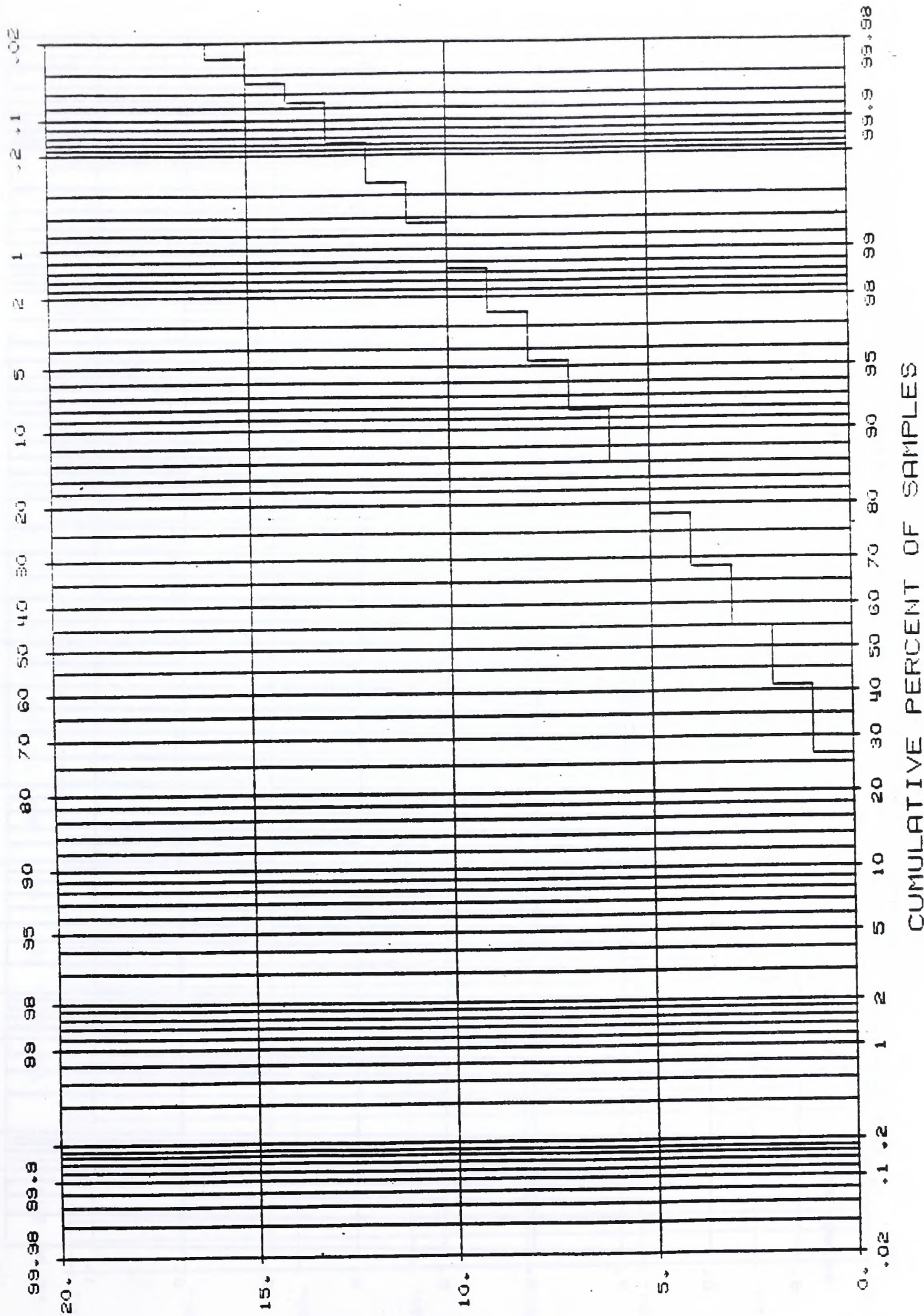


CONCENTRATION OF NOx IN ppb

CALIFORNIA DESERT AIR WORKING GROUP NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: OCT 73 THRU OCT 83

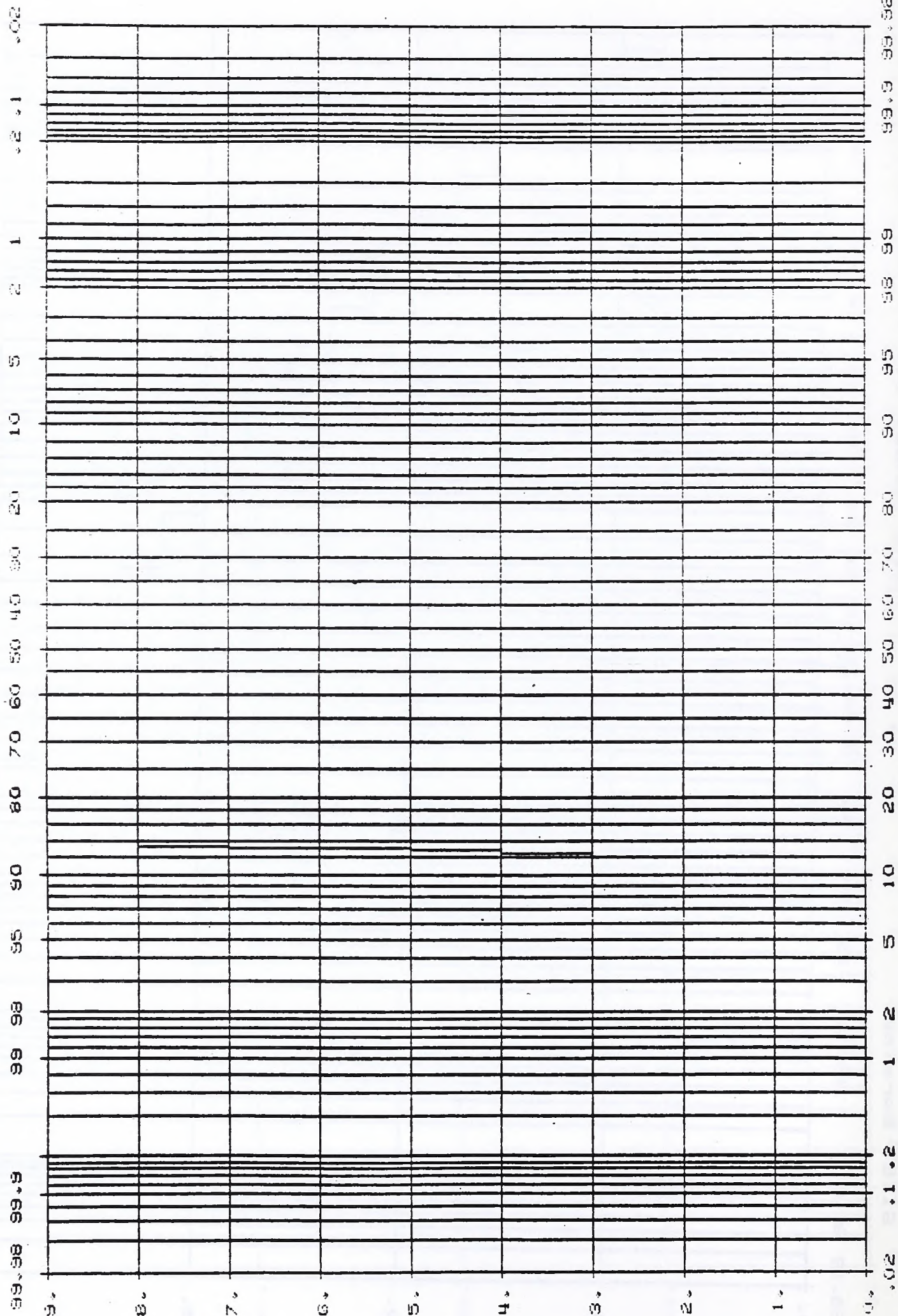
SITE: Barstow



CALIFORNIA DESERT ALL MORNING GROUP NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

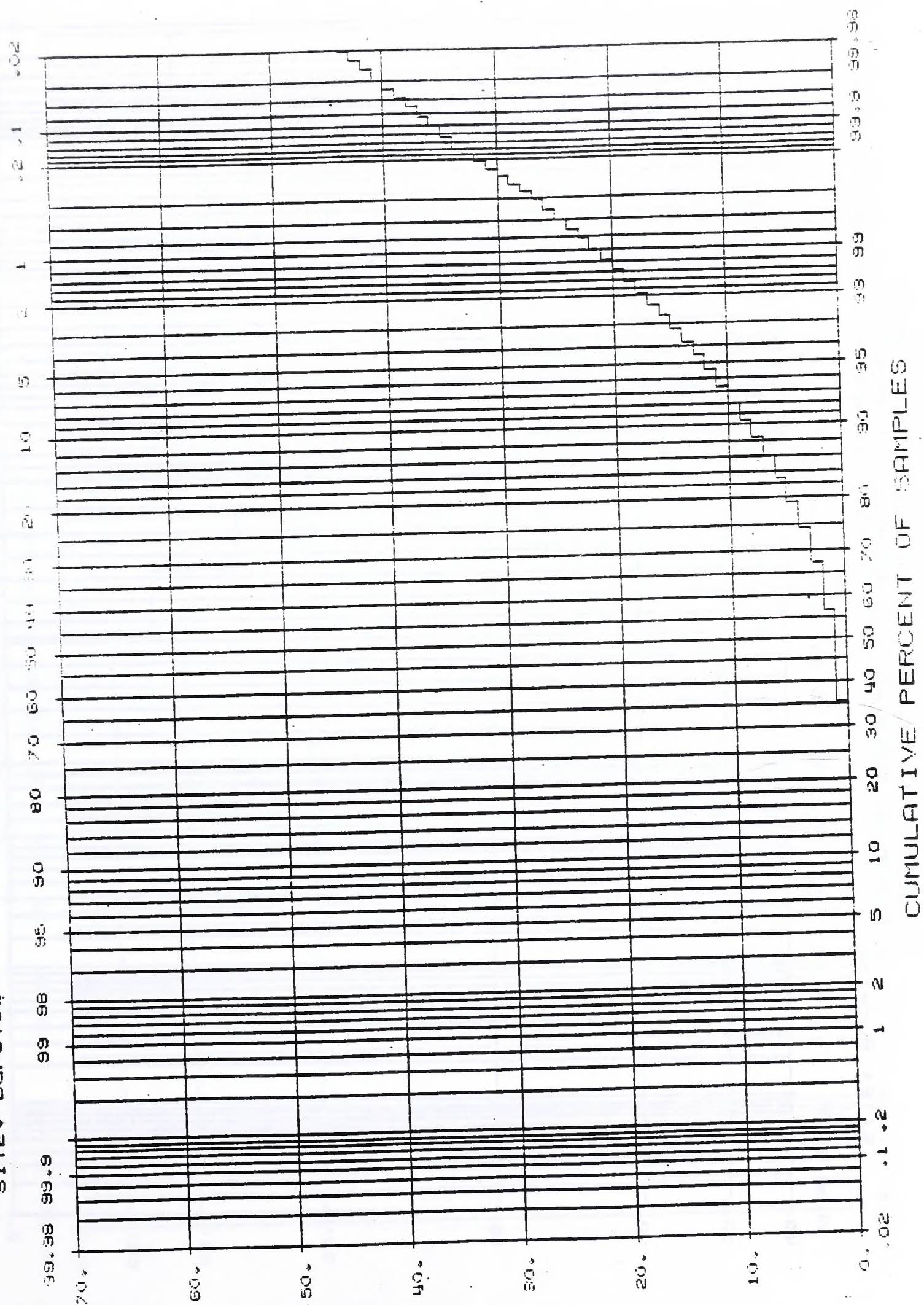
DATE RANGE: JAN 77 THRU DEC 78

SITE: Barstow

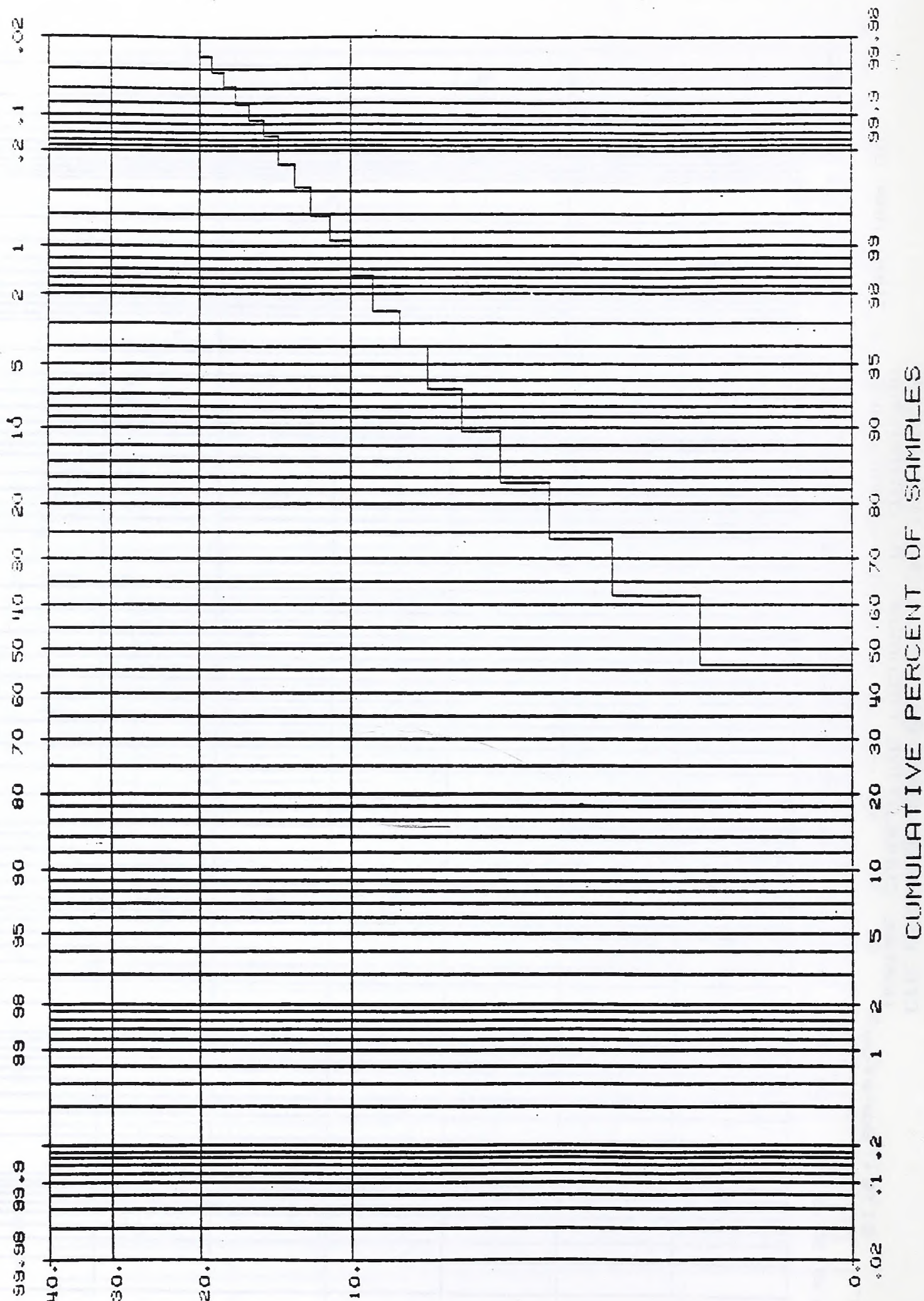


CALIFORNIA DESERT AIR POLLUTING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: OCT 73 THRU MAR 80

SITE: Barstow

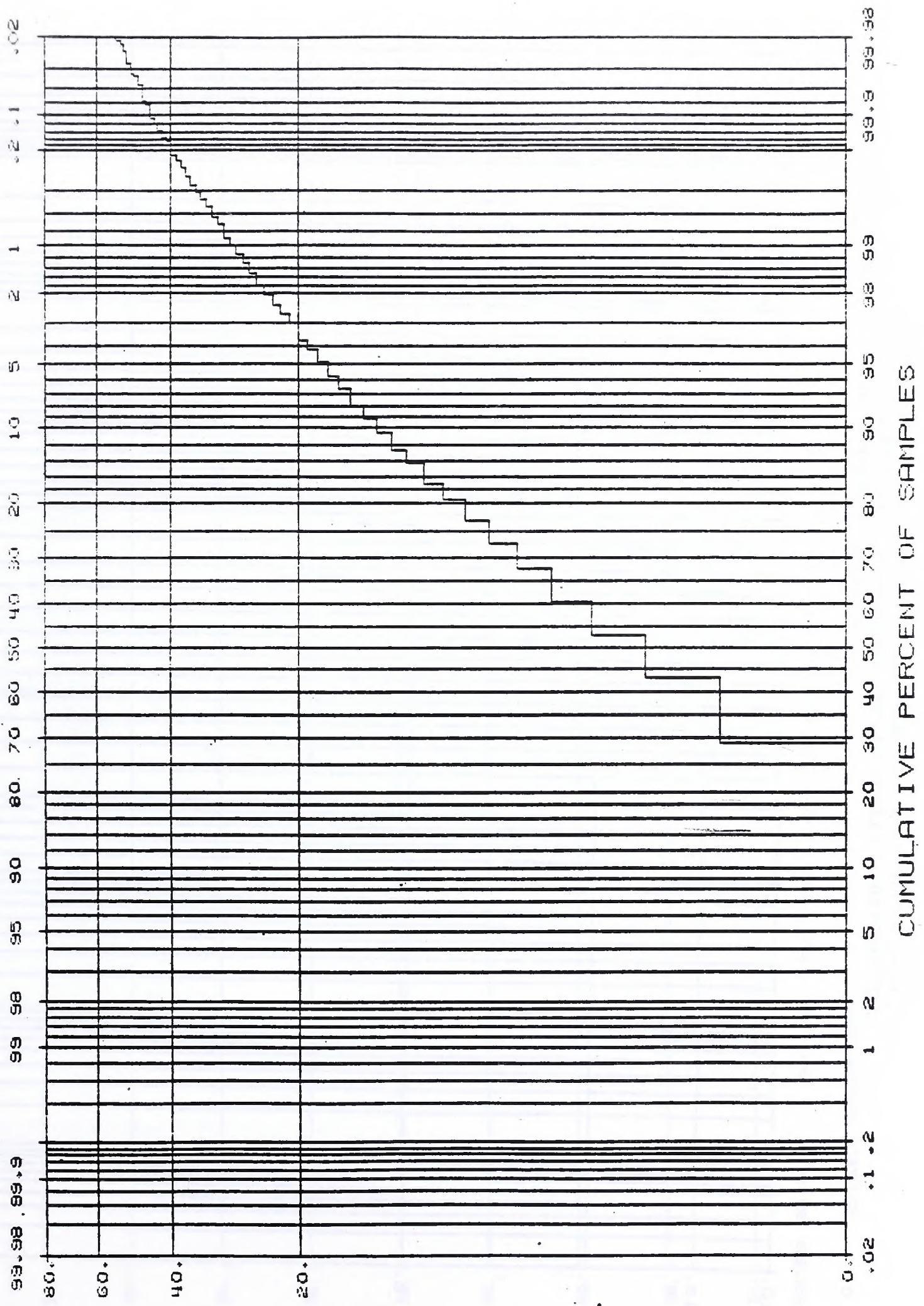


CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: OCT 73 THRU OCT 83
 SITE: Barstow

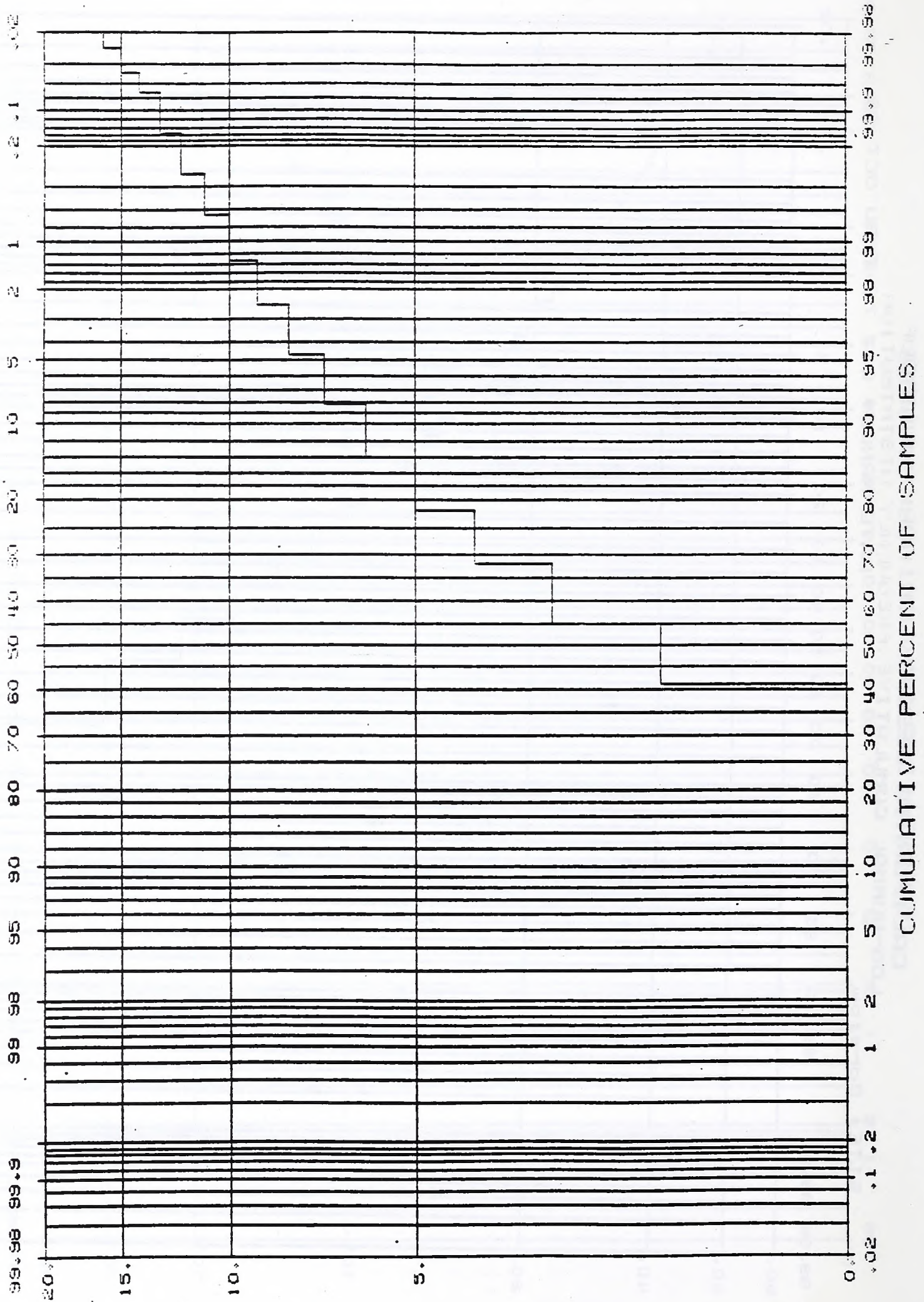


CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: OCT 73 THRU OCT 83

SITE: Barstow



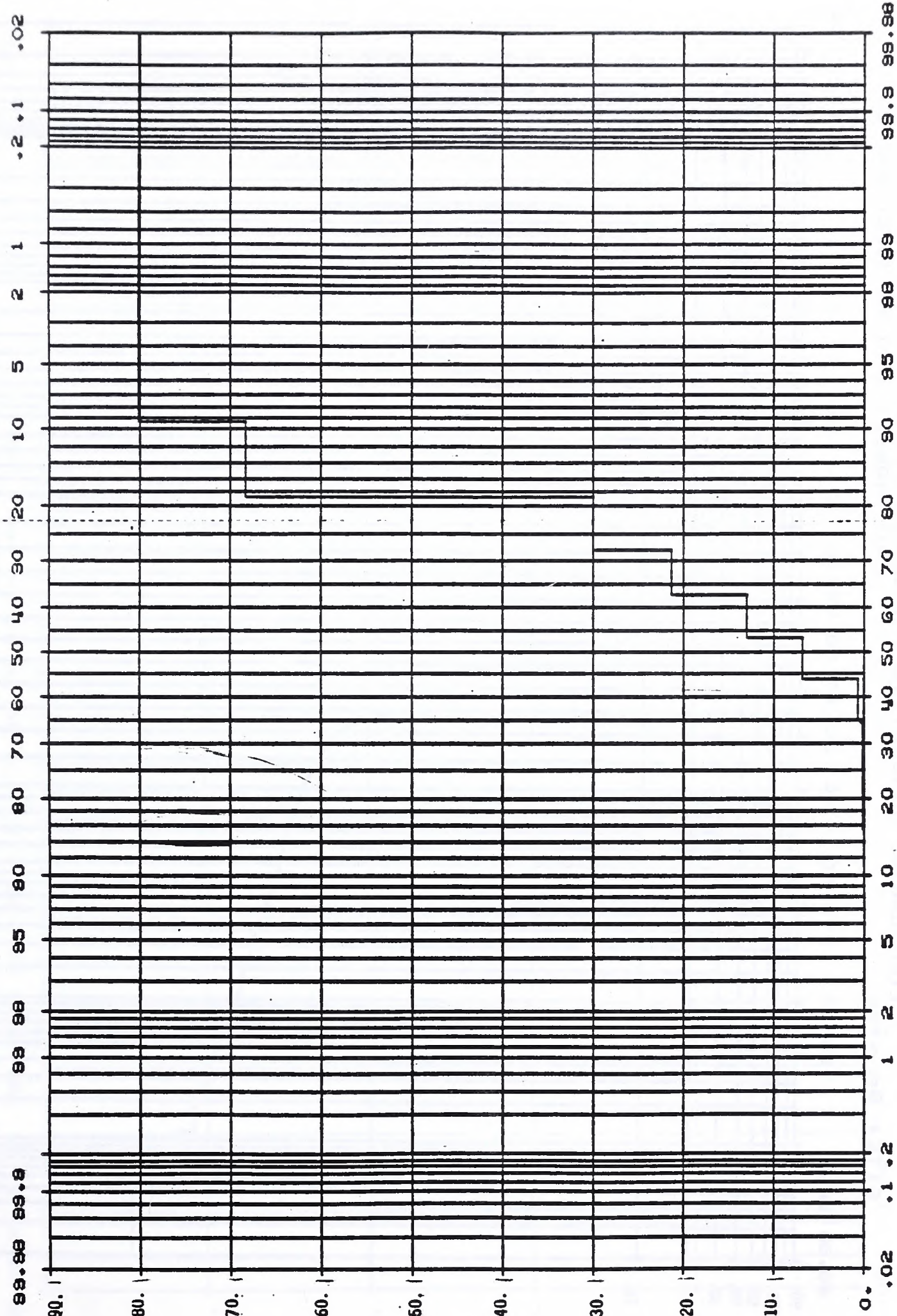
CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 SITE: Barstow DATE RANGE: OCT 73 THRU OCT 83



CALIFORNIA DESERT AIR WORKING GROUP NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

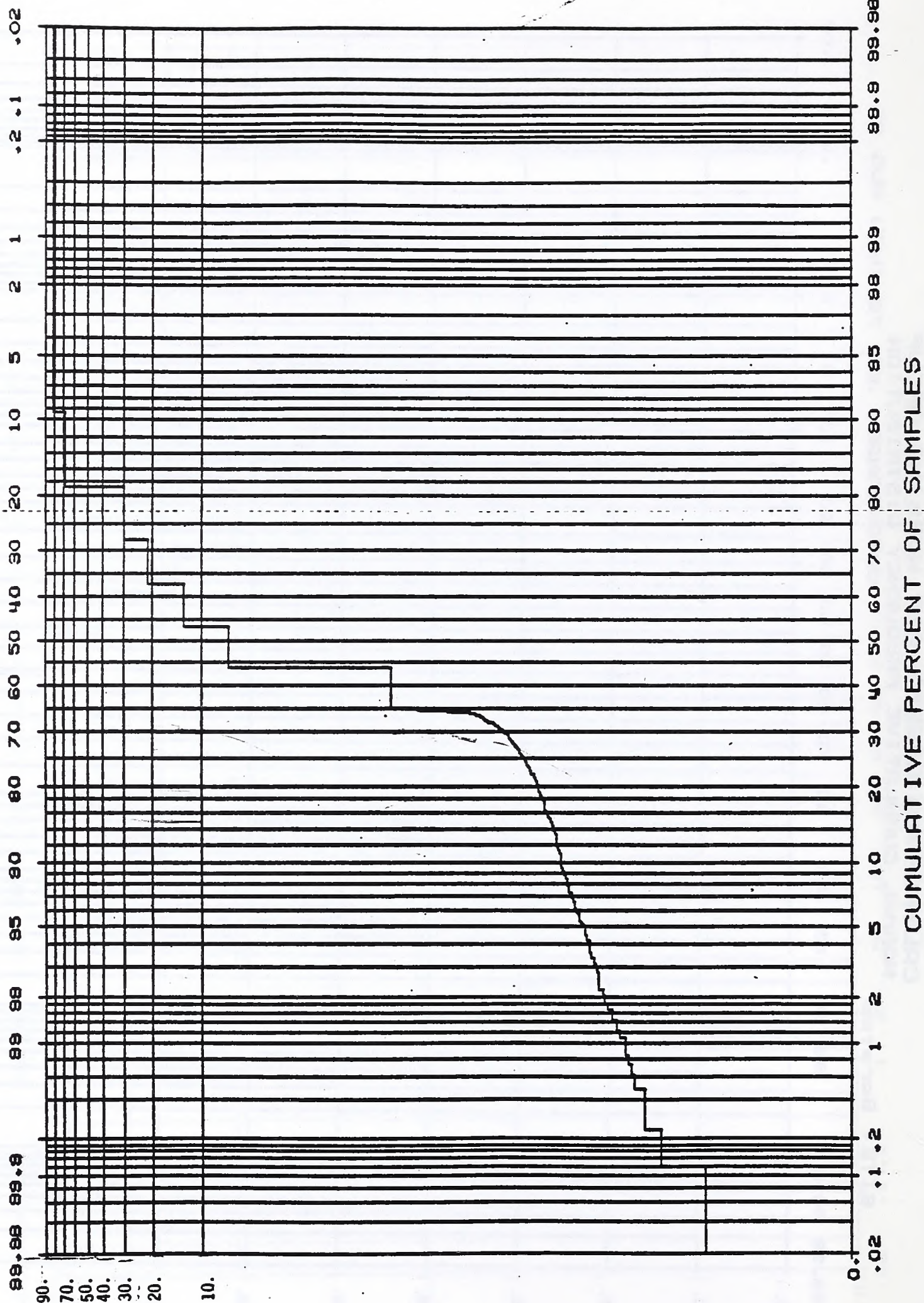
DATE RANGE: JAN 76 THRU AUG 83

SITE: Barstow



CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: JAN 76 THRU AUG 83

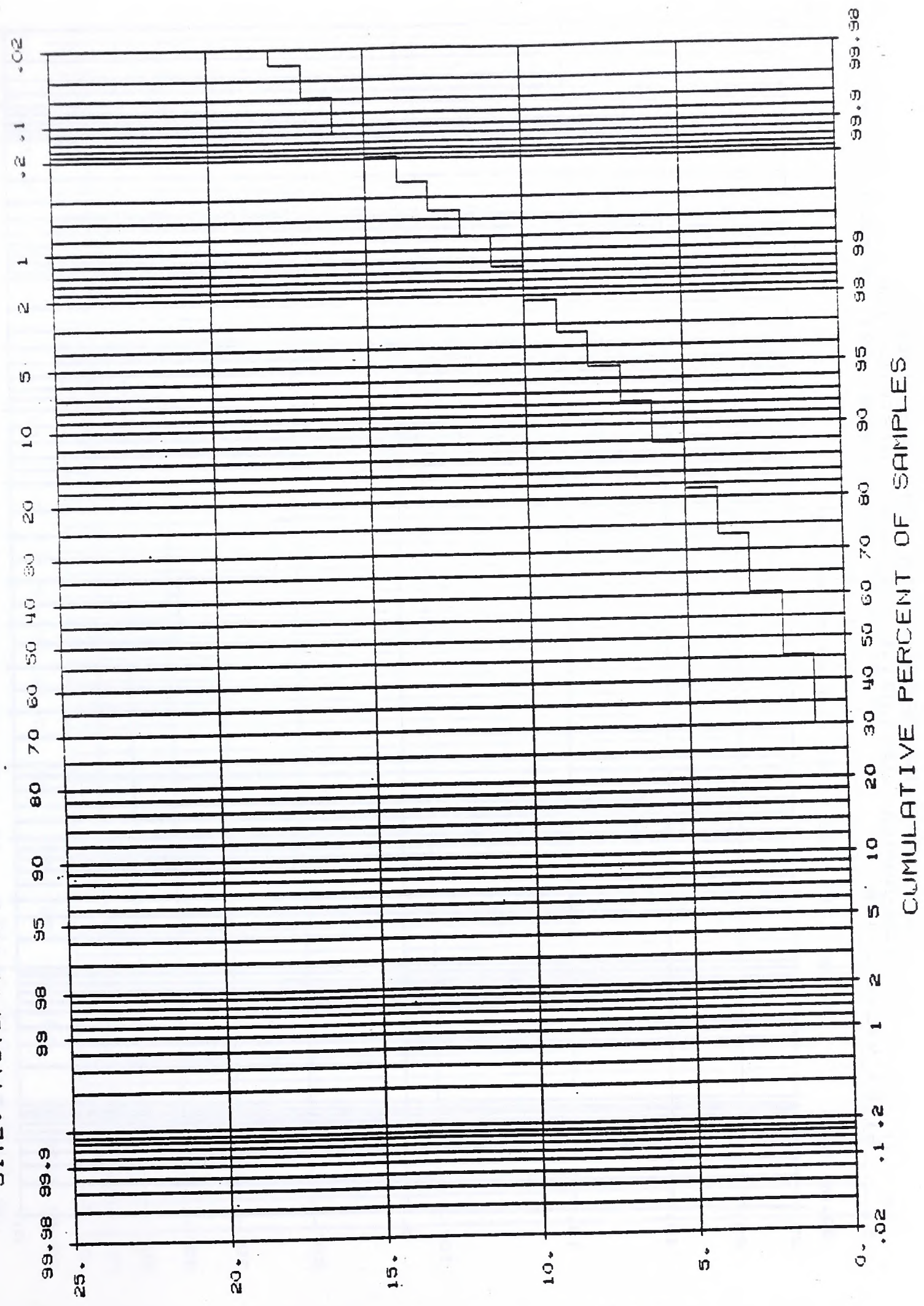
SITE: Barstow



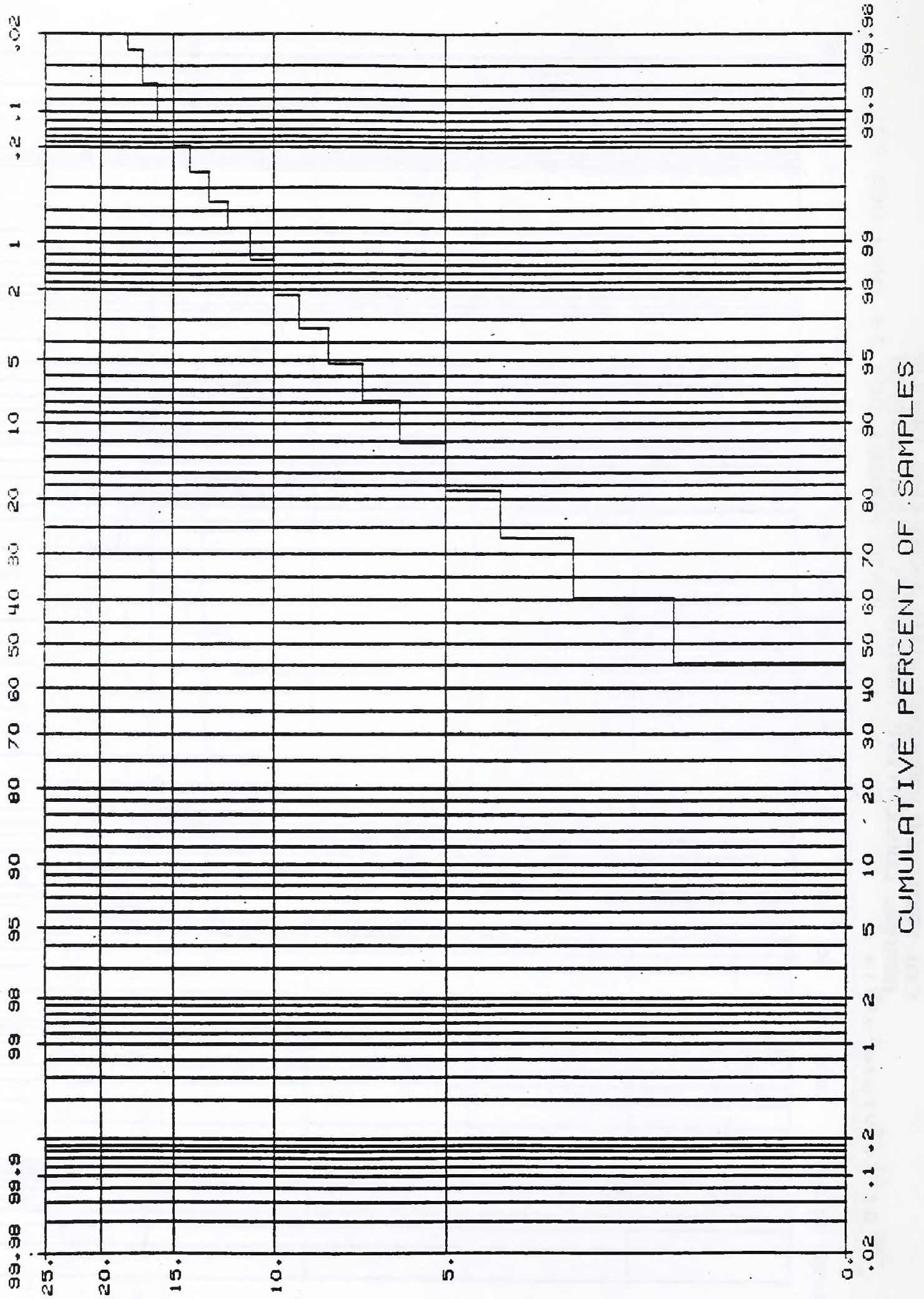
TSP IN $\mu\text{g}/\text{m}^3$

CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: OCT 73 THRU DEC 77

SITE: Victorville



CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: OCT 73 THRU DEC 77
 SITE: Victorville

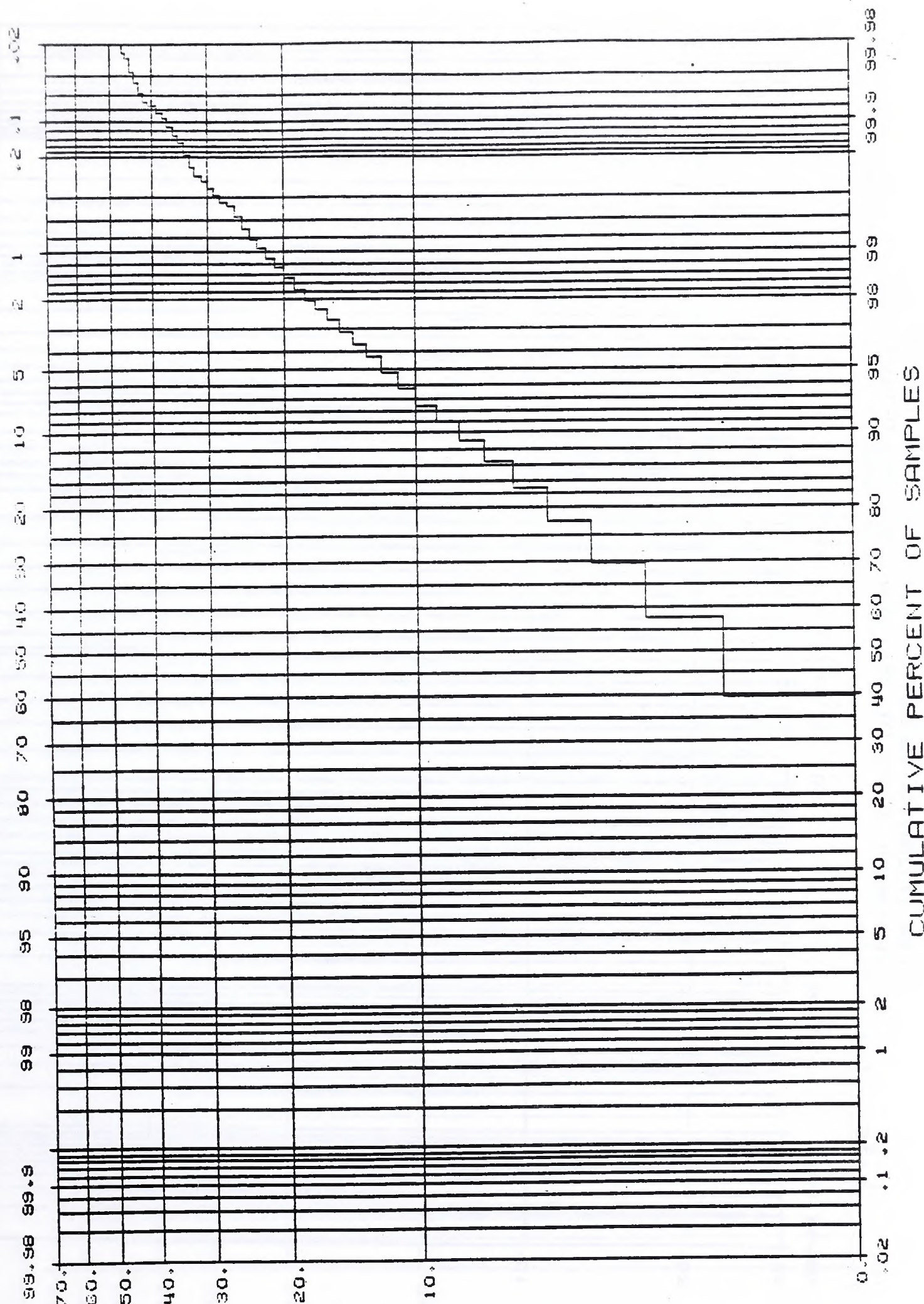


CALIFORNIA DESERT AIR WORKING GROUP

LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

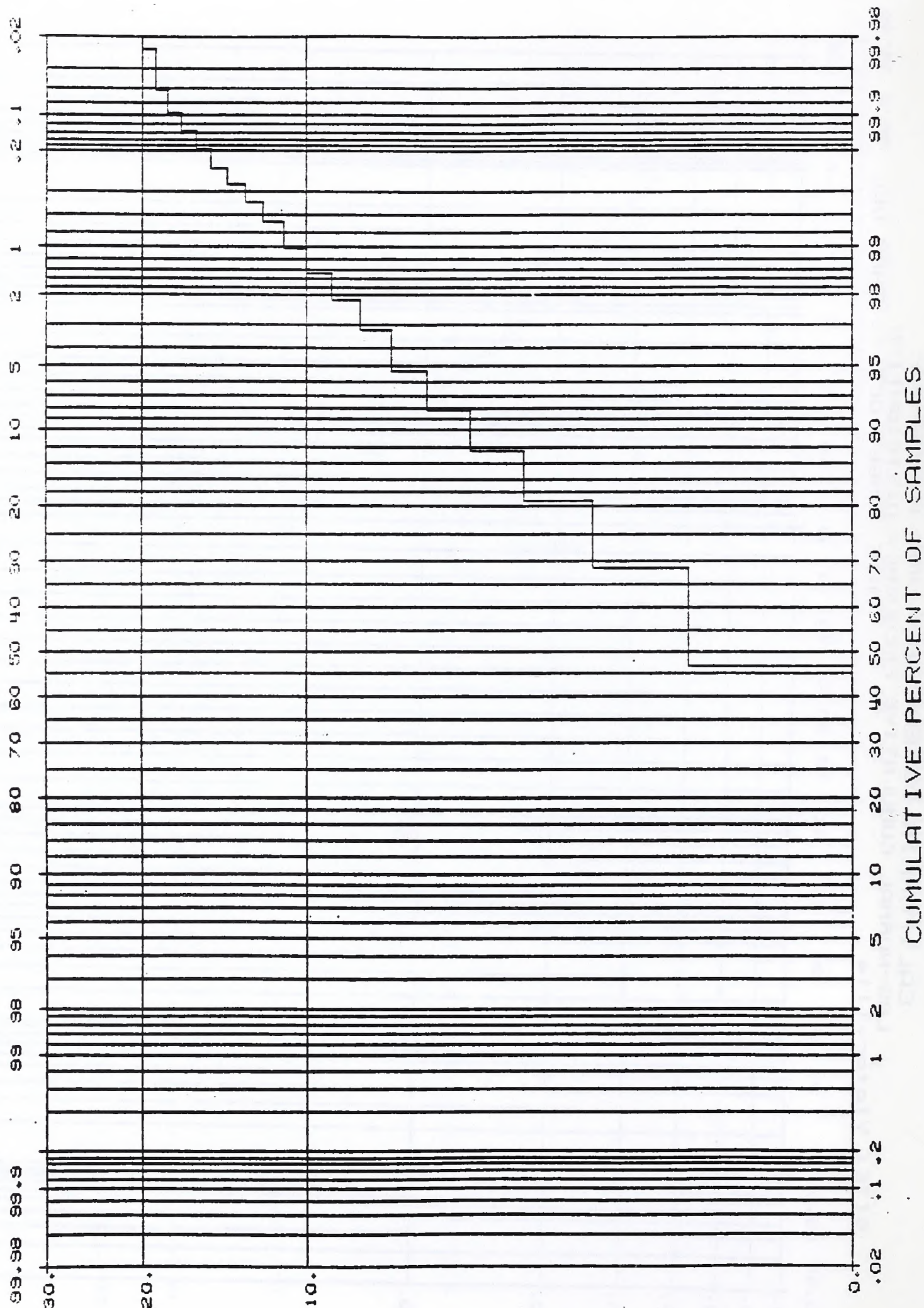
DATE RANGE: OCT 78 THRU DEC 77

SITE: Victorville



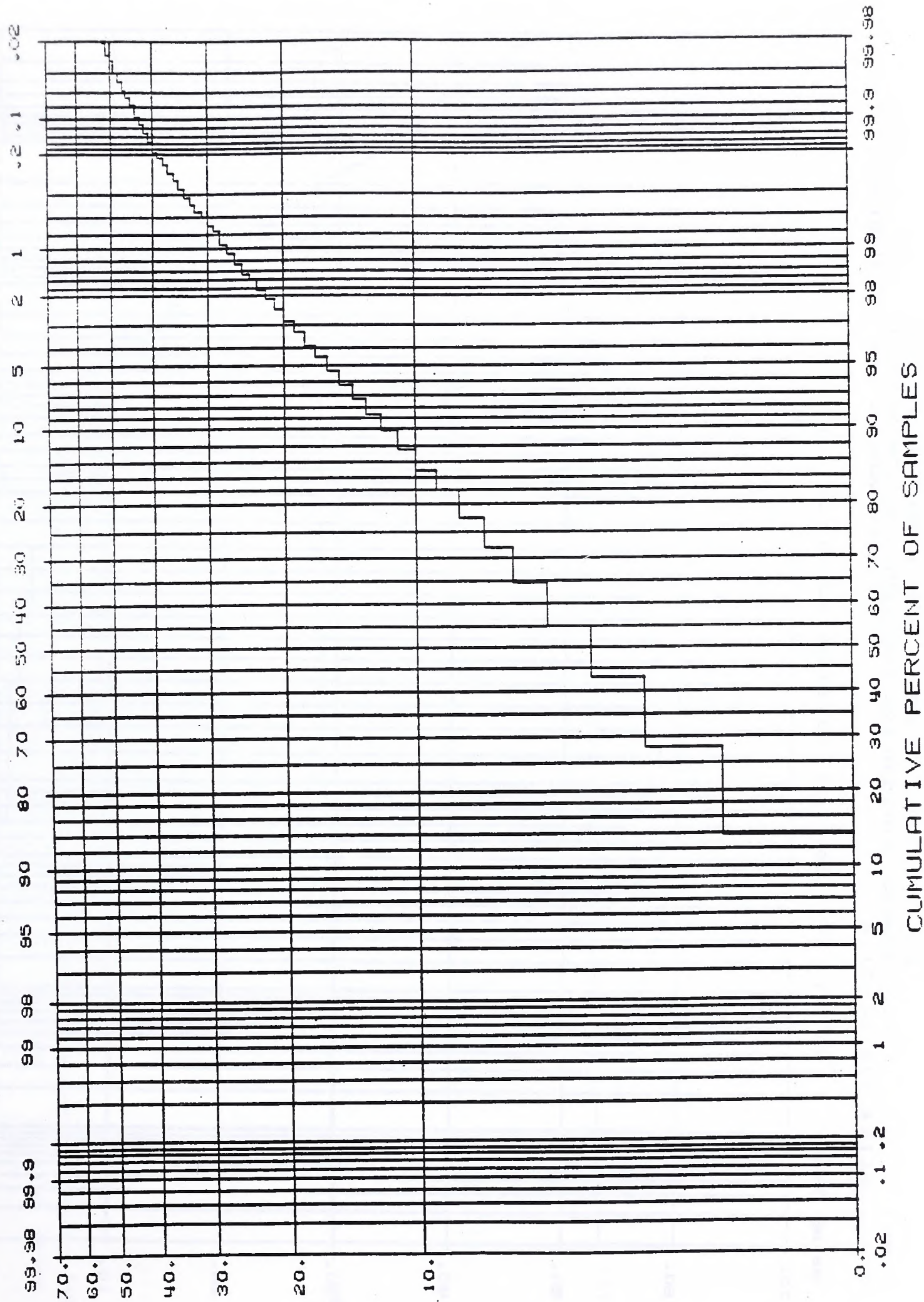
DATE RANGE: OCT 73 THRU DEC 77

SITE: Votaville



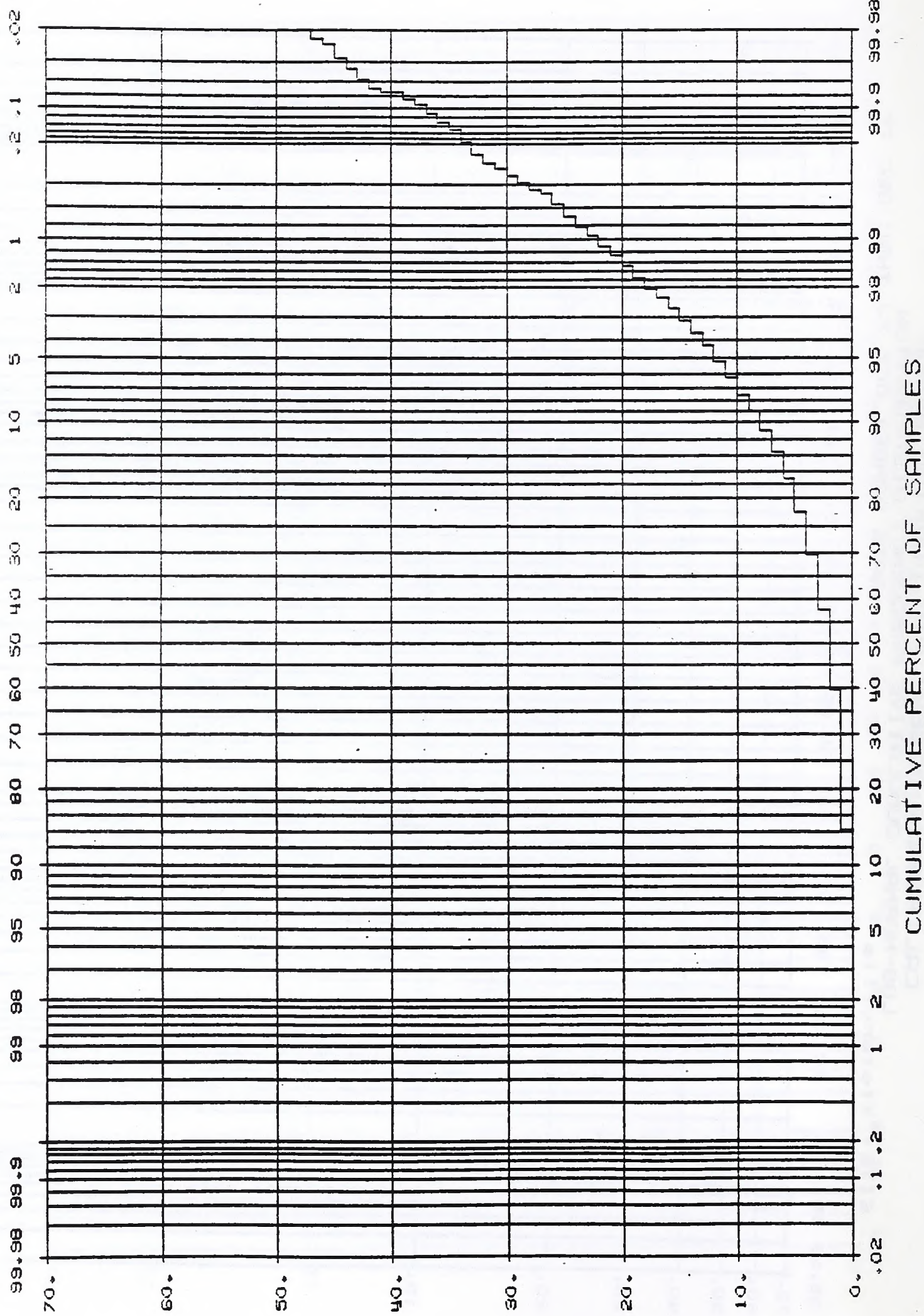
CONCENTRATION OF NO2
C-41
IN PPM

CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: OCT 73 THRU DEC 77
 SITE: Victorville



CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: OCT 73 THRU DEC 77

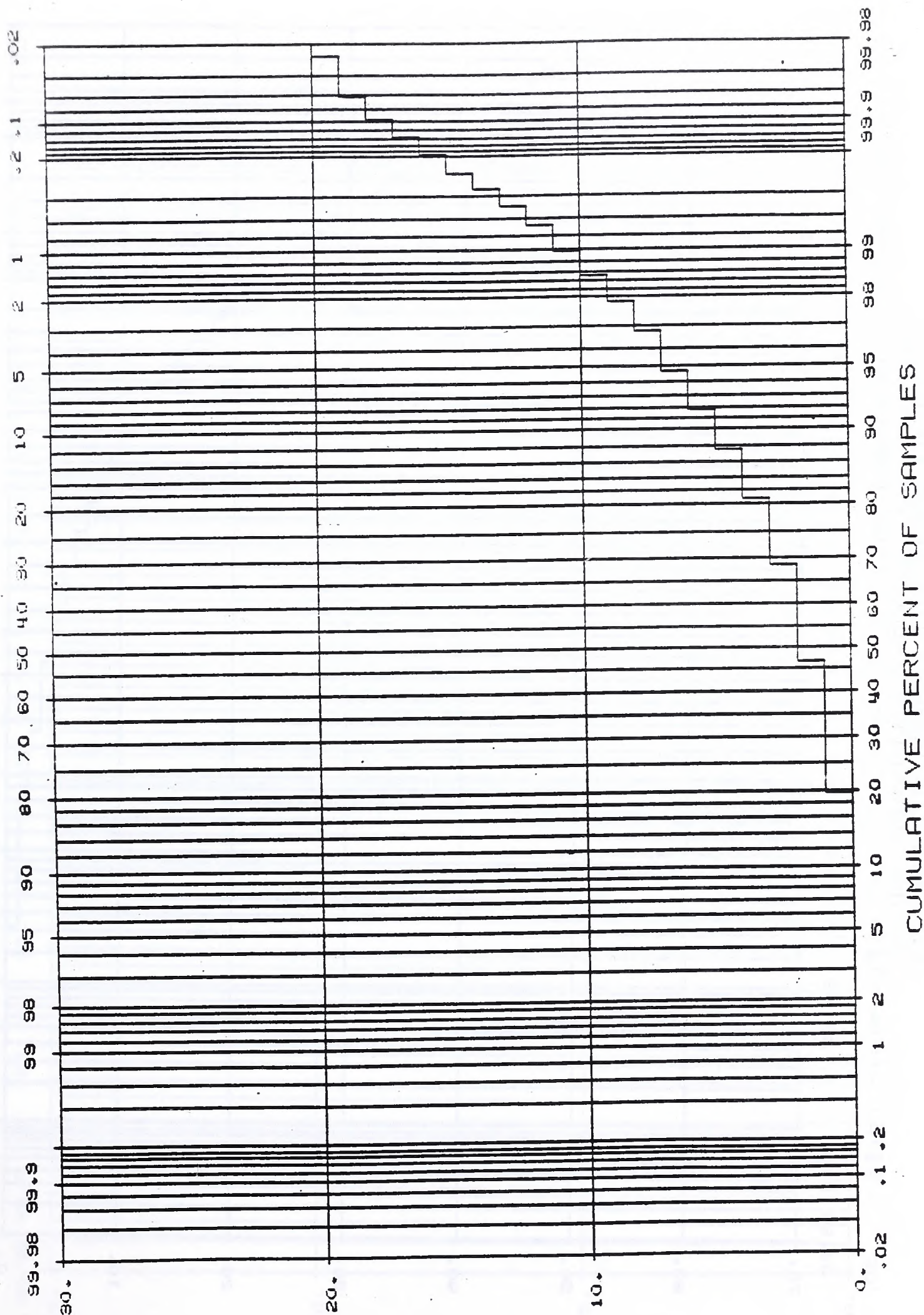
SITE: Victorville



CALIFORNIA DESERT AIR WORKING GROUP
NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: OCT 73 THRU DEC 77

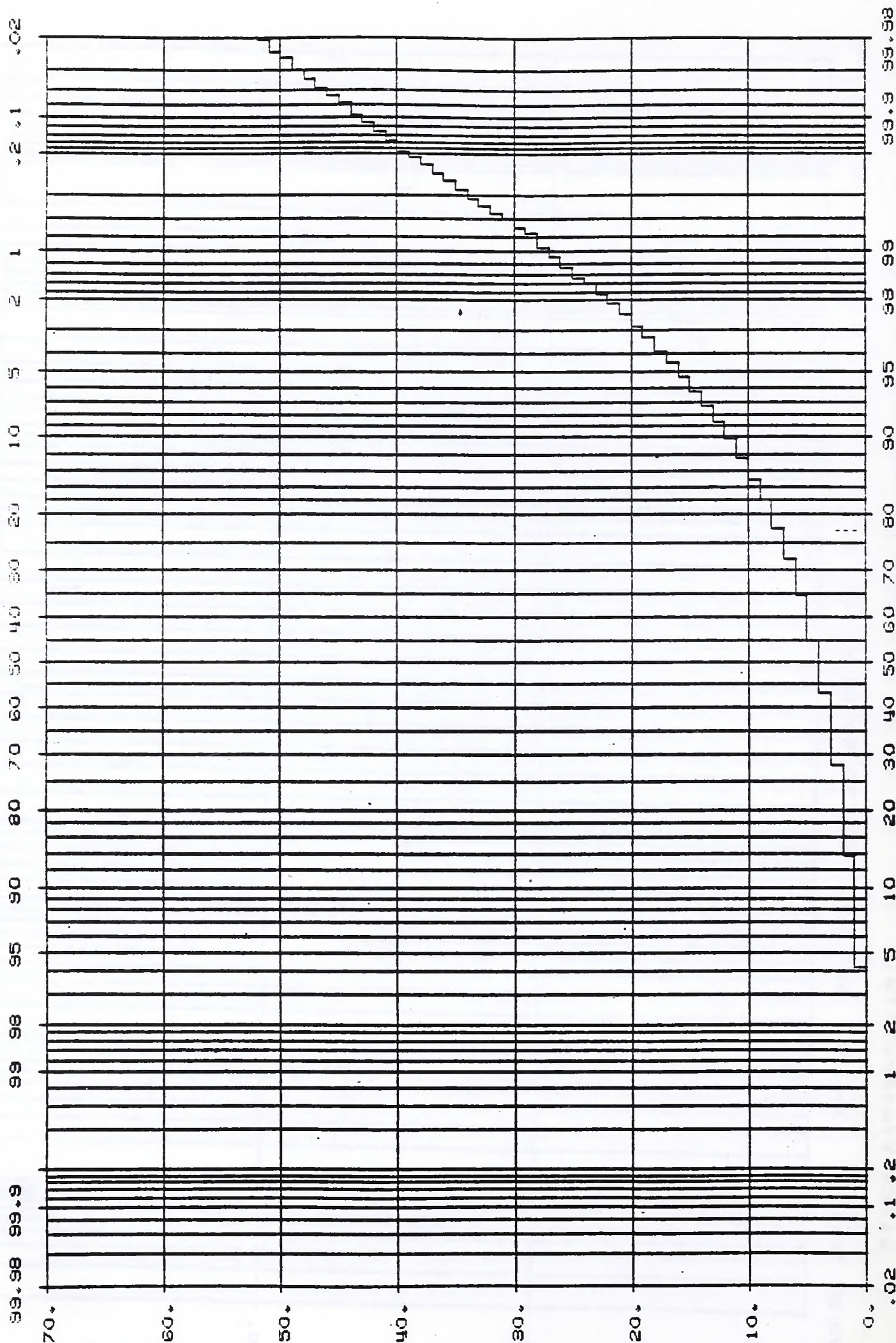
SITE: Victorville



CALIFORNIA DESERT AIR WORKING GROUP NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: OCT 73 THRU DEC 77

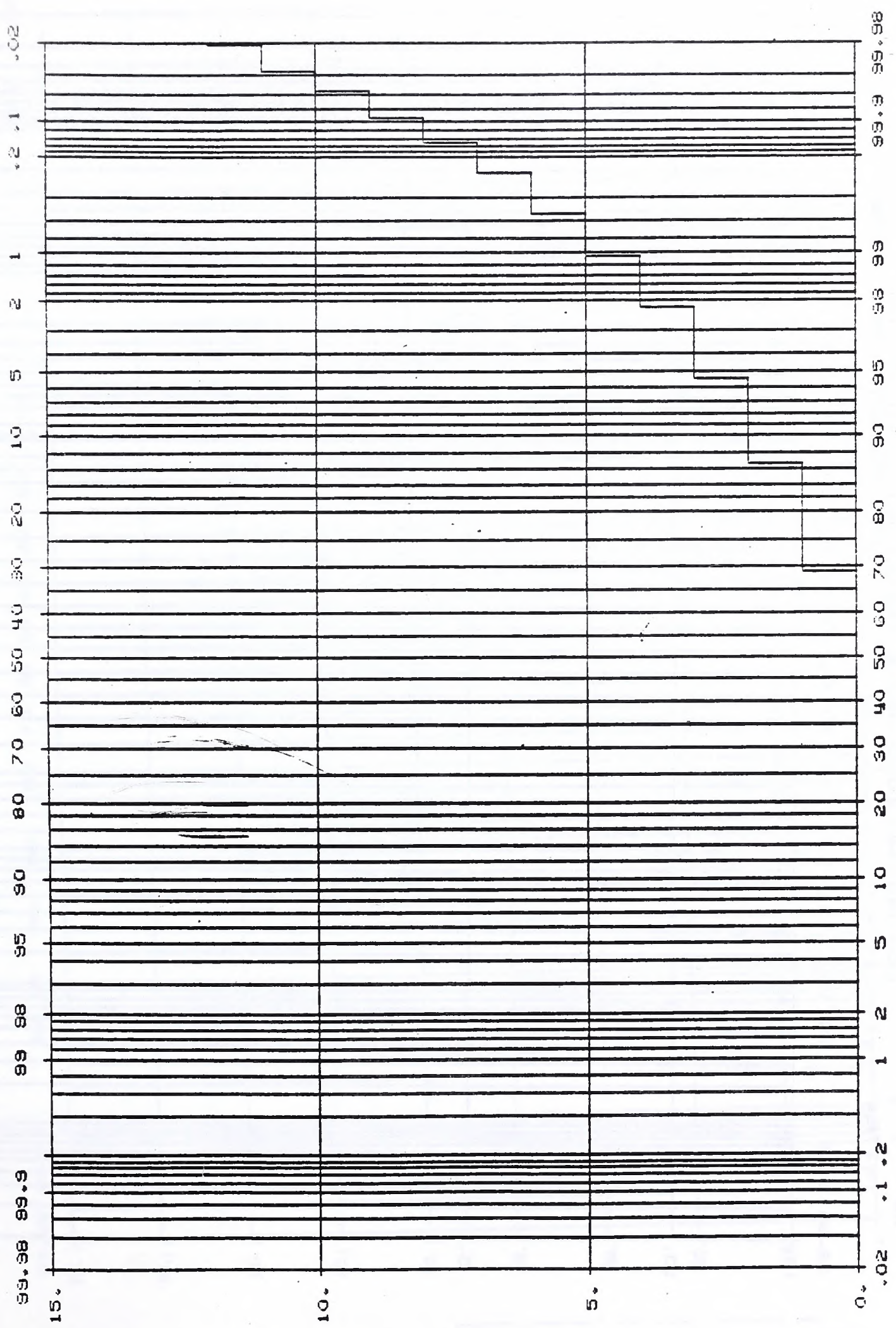
SITE: Victorville



CALIFORNIA DESERT AIR WORKING GROUP NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: JAN 77 THRU DEC 76

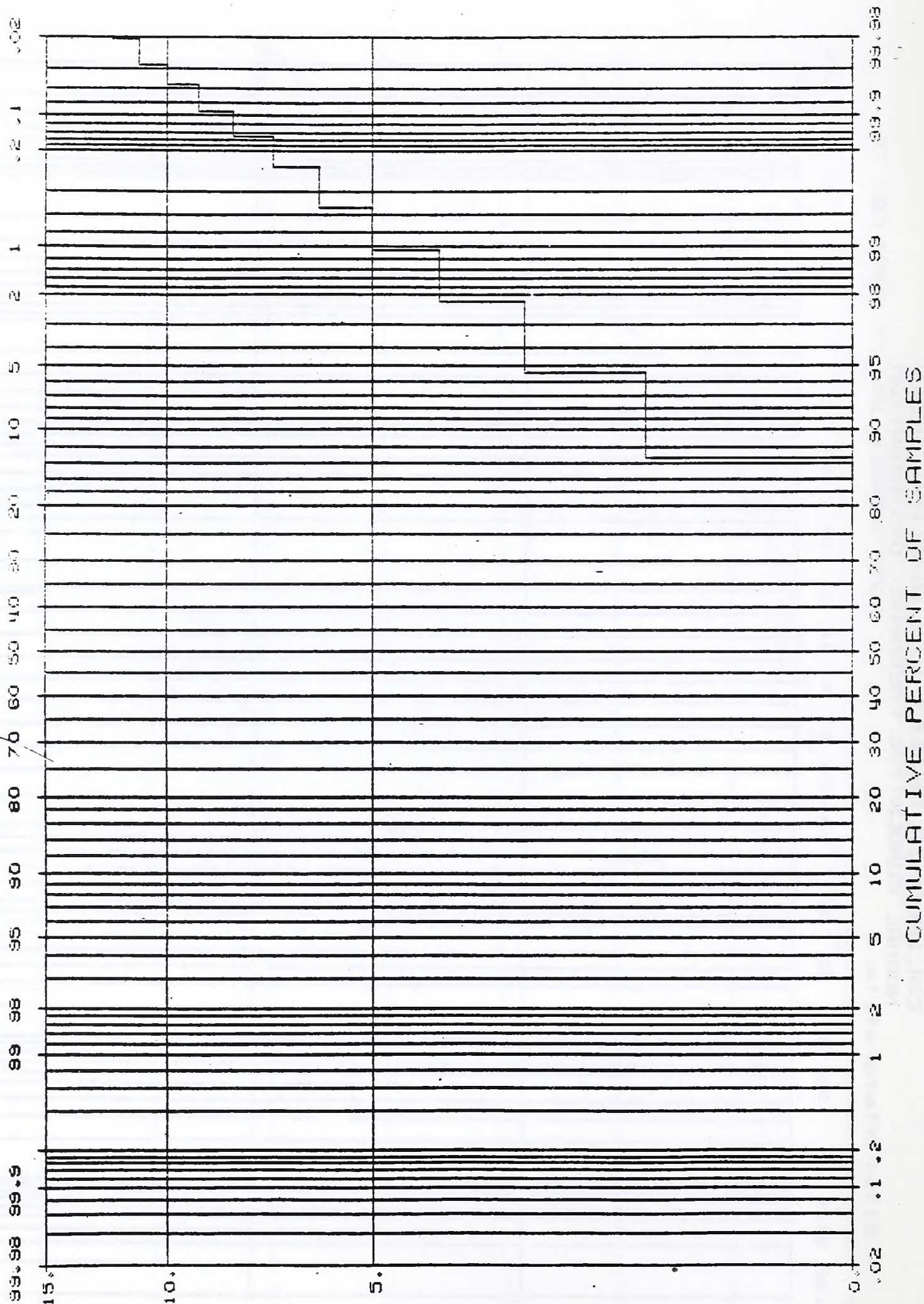
SITE: Victorville



LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: JAN 78 THRU DEC 78

SITE: Victoryville



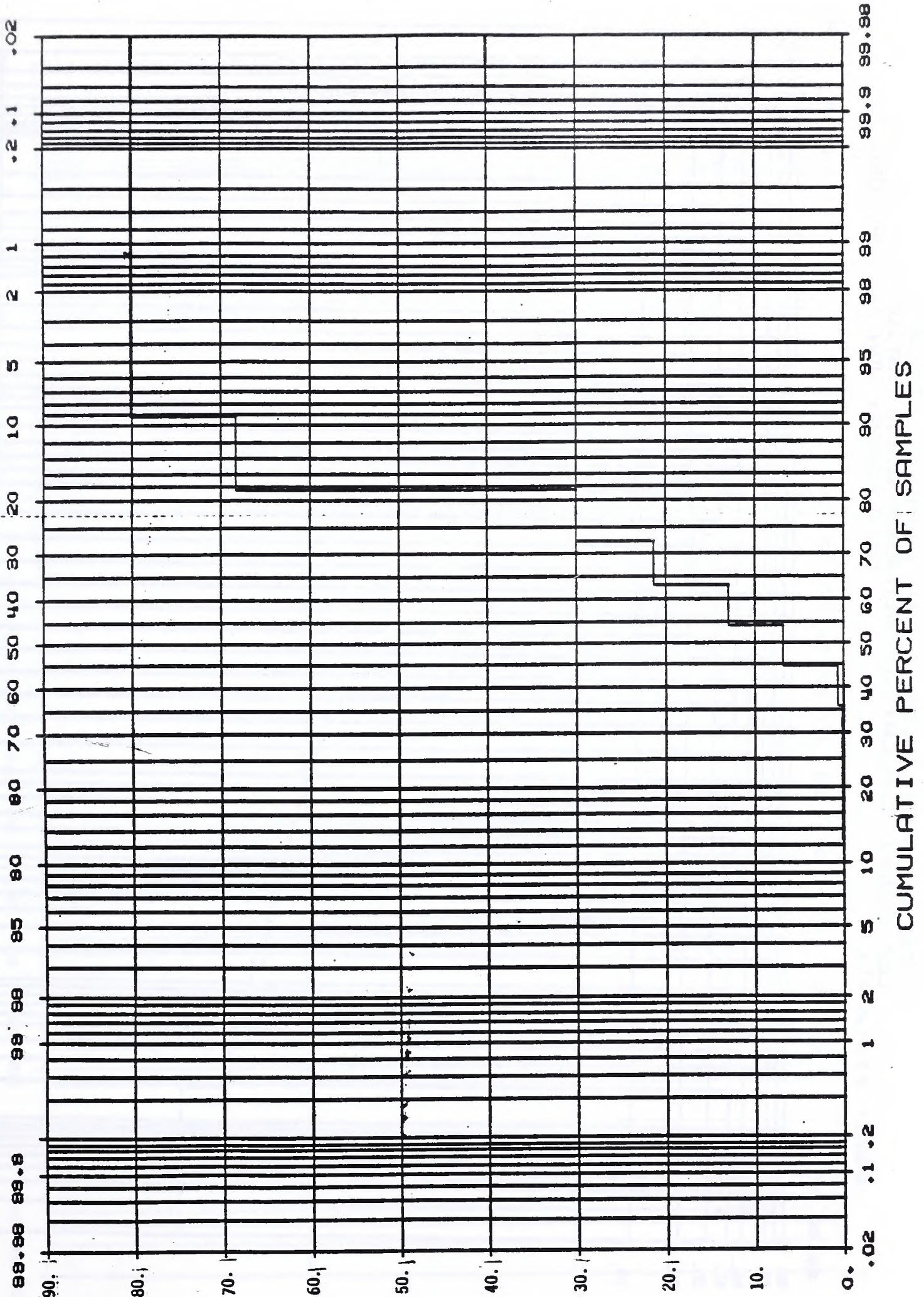
IN PPM

CONCENTRATION OF CO

CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: JAN 76 THRU DEC 77

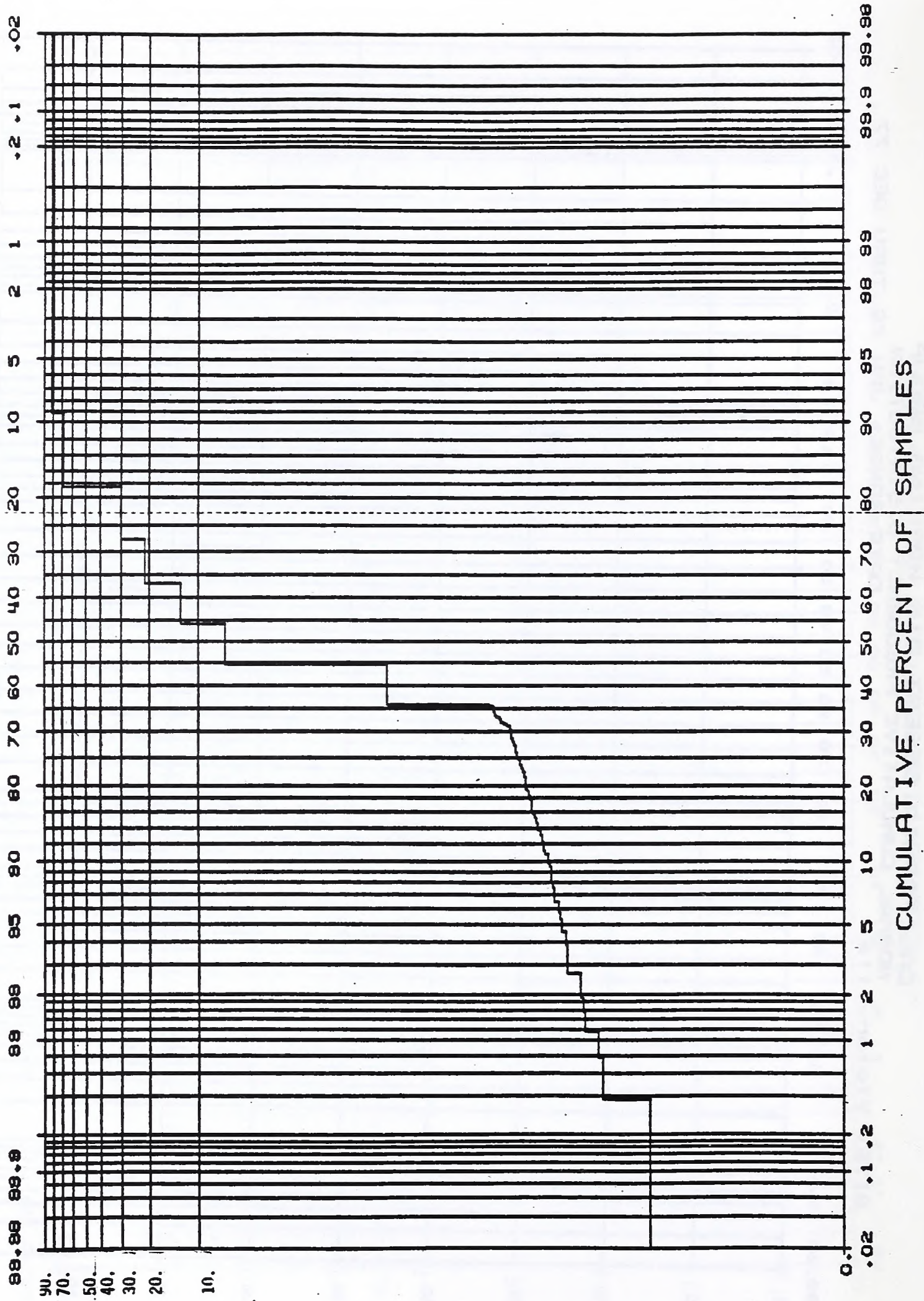
SITE: Victorville



TSP IN $\mu\text{g}/\text{m}^3$

CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: JAN 76 THRU DEC 77

SITE: Victorville

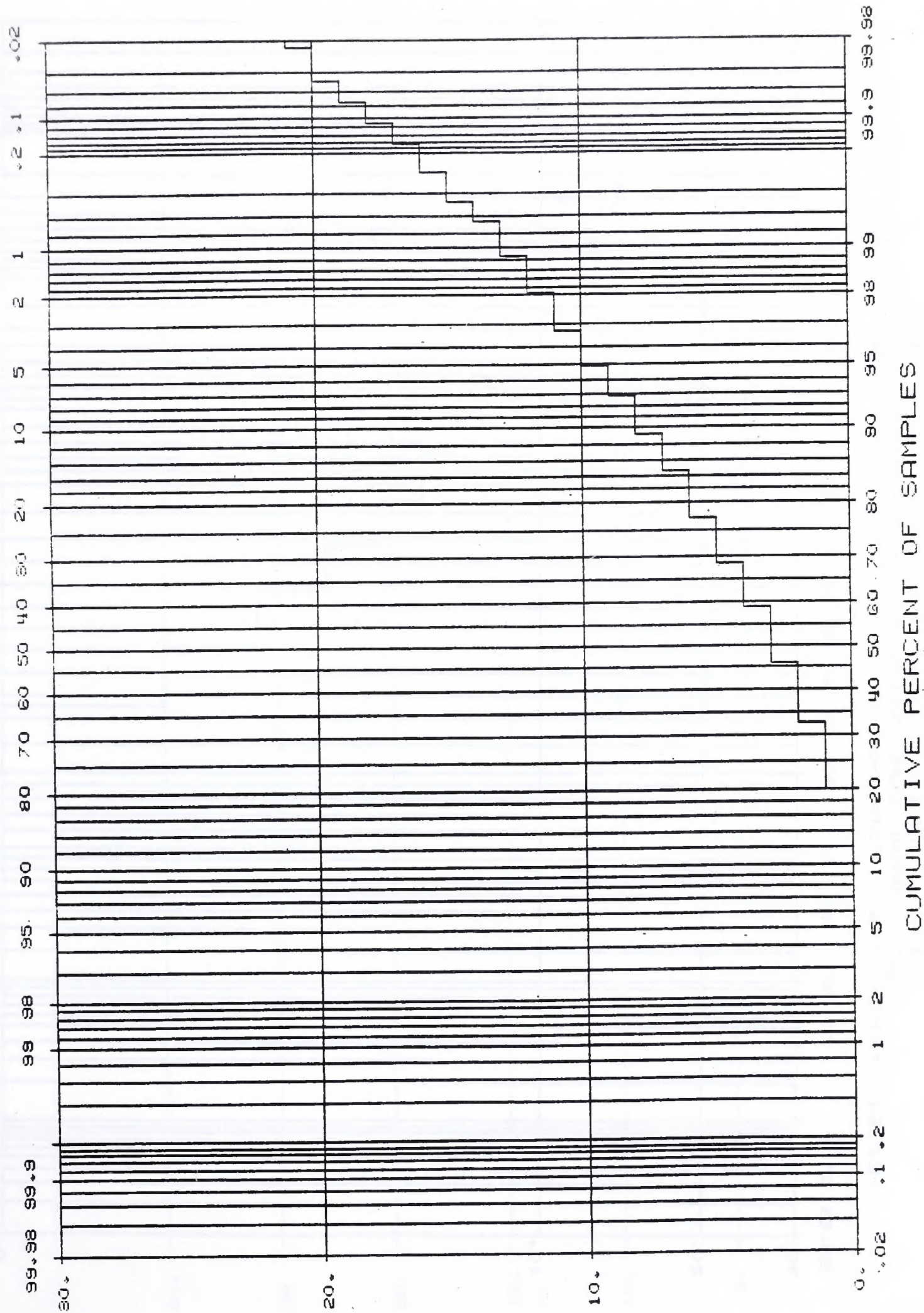


TSP IN $\mu\text{g}/\text{m}^3$

CALIFORNIA DESERT AIR WORKING GROUP NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

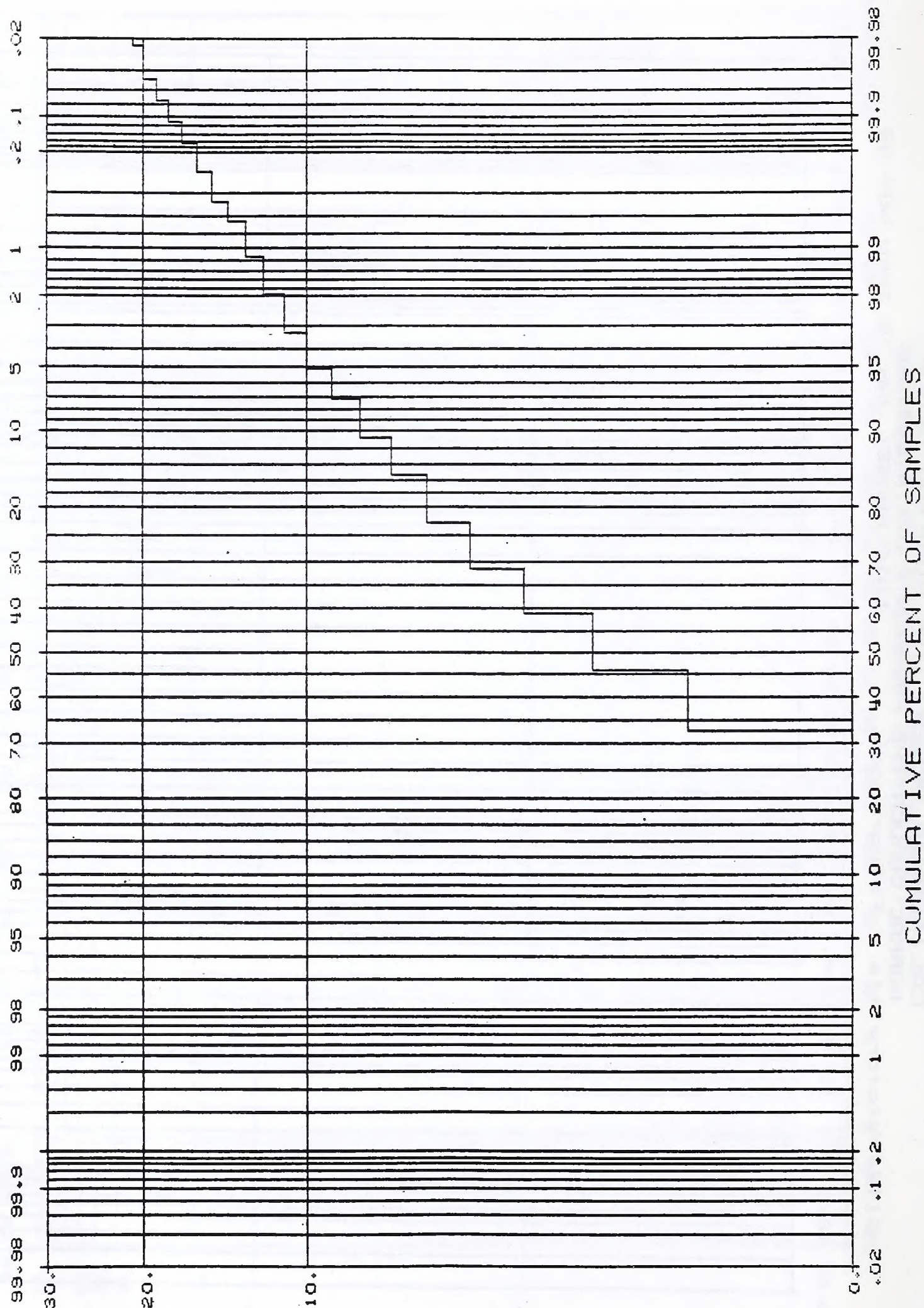
DATE RANGE: JAN 78 THRU NOV 83

SITE: Victorville - Fairgrounds

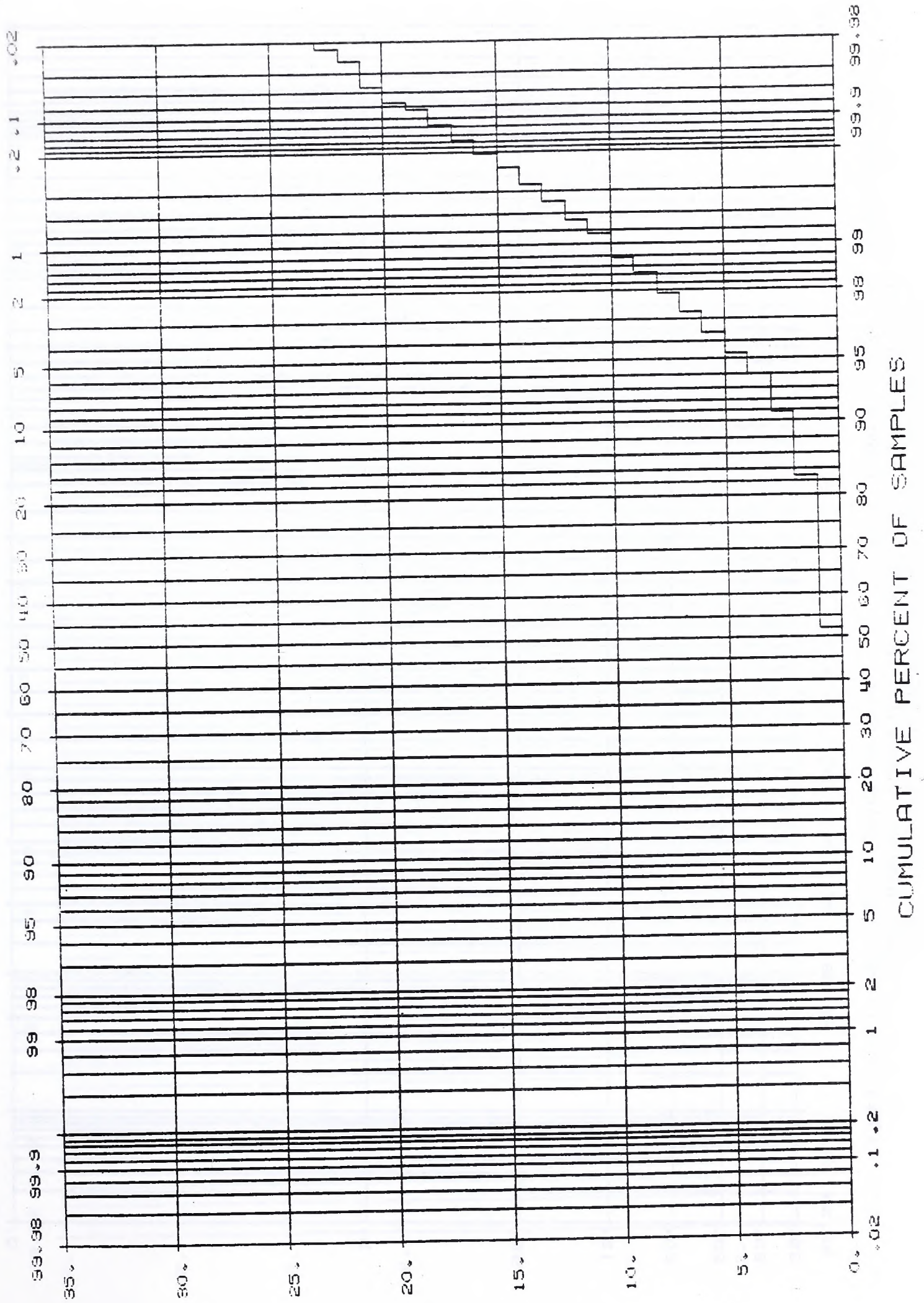


CALIFORNIA DESERT AIR WORKING GROUP LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

SITE: Victorville - Fairgrounds DATE RANGE: JAN 78 THRU NOV 83

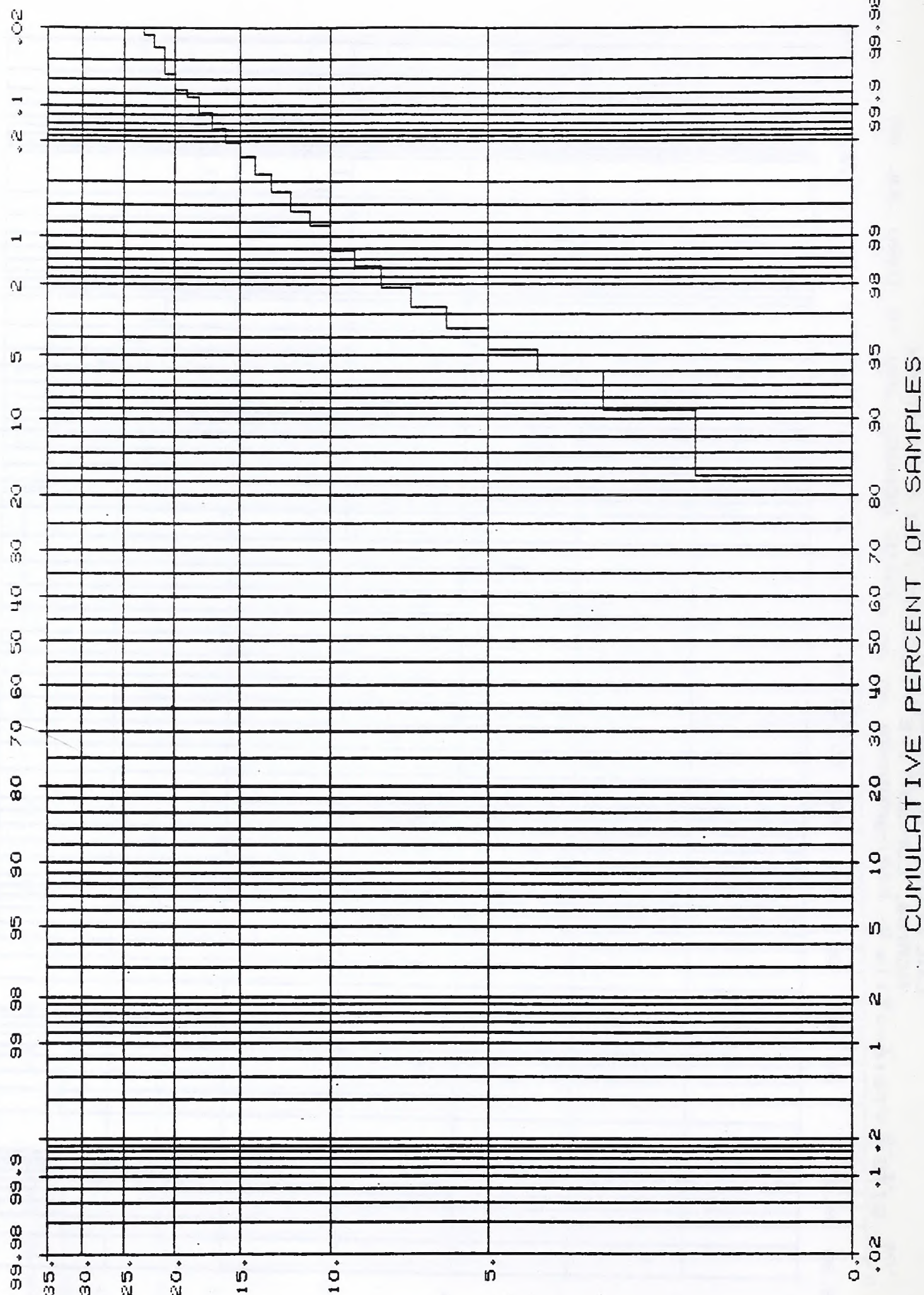


CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: JAN 79 THRU JUL 80
 SITE: Victorville - Fairgrounds

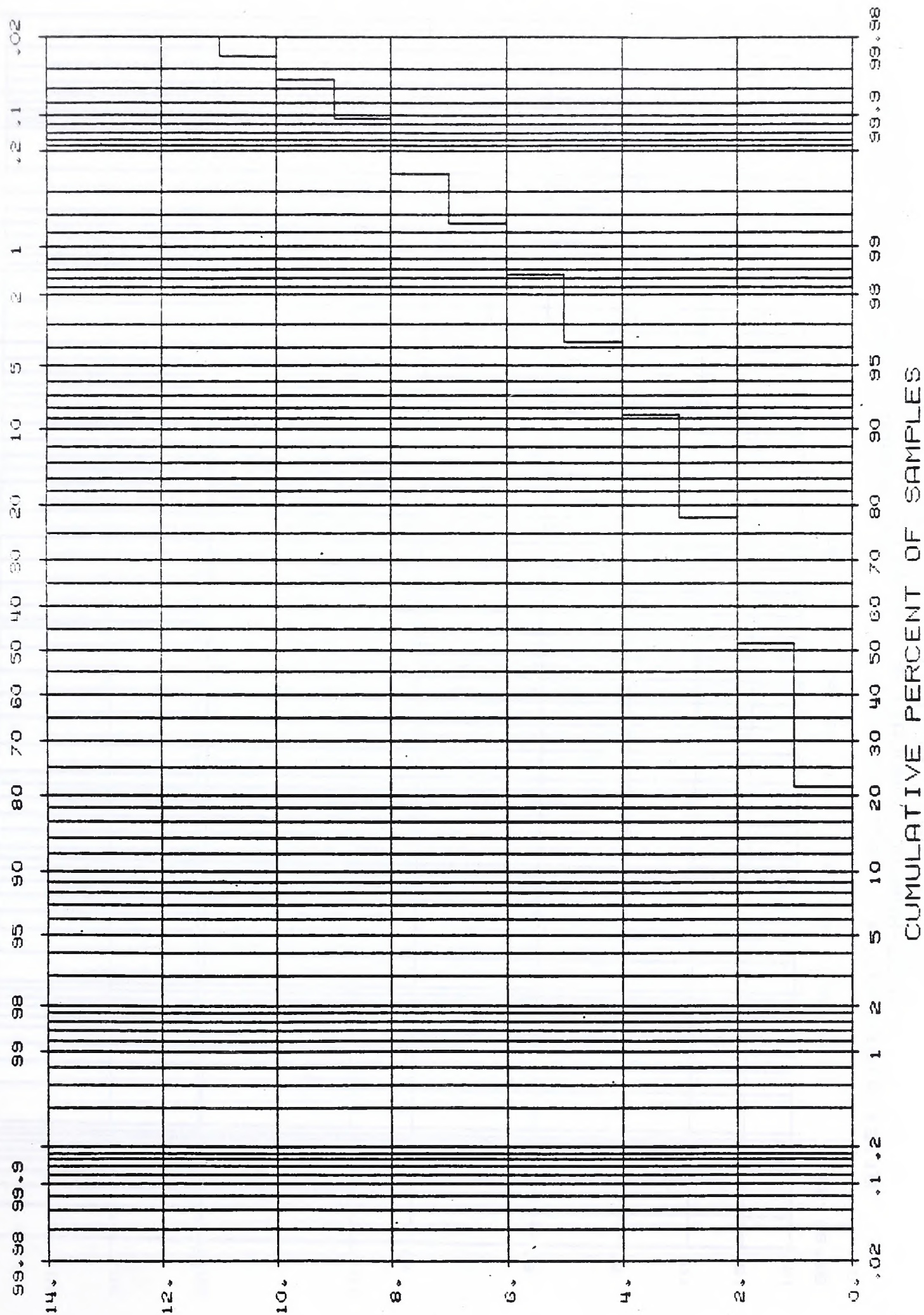


CALIFORNIA DESERT AIR WORKING GROUP LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

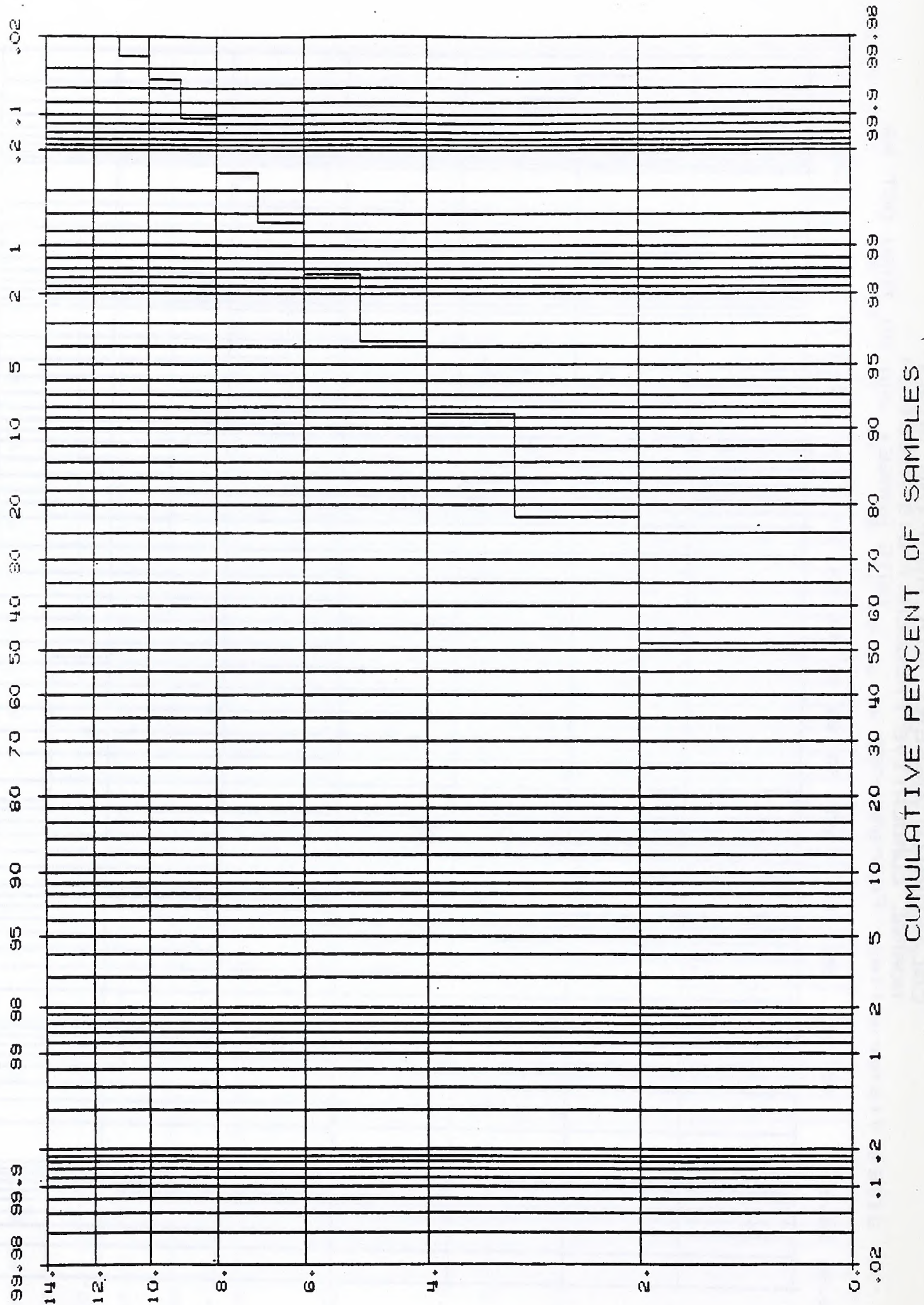
SITE: Victorville - Fairgrounds DATE RANGE: JAN 79 THRU JUL 80



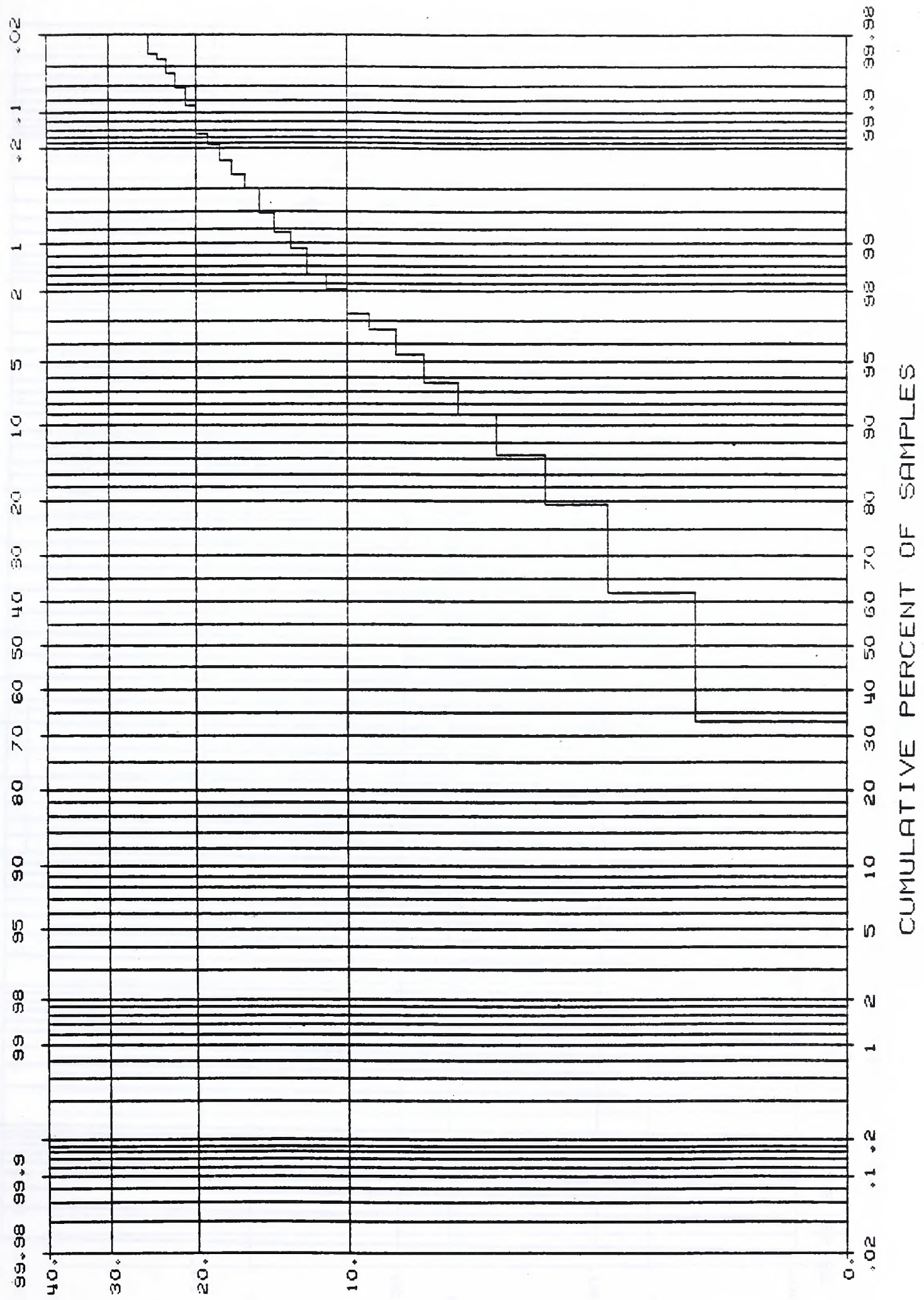
CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 SITE: Victorville - Fairgrounds DATE RANGE: JAN 80 THRU OCT 83



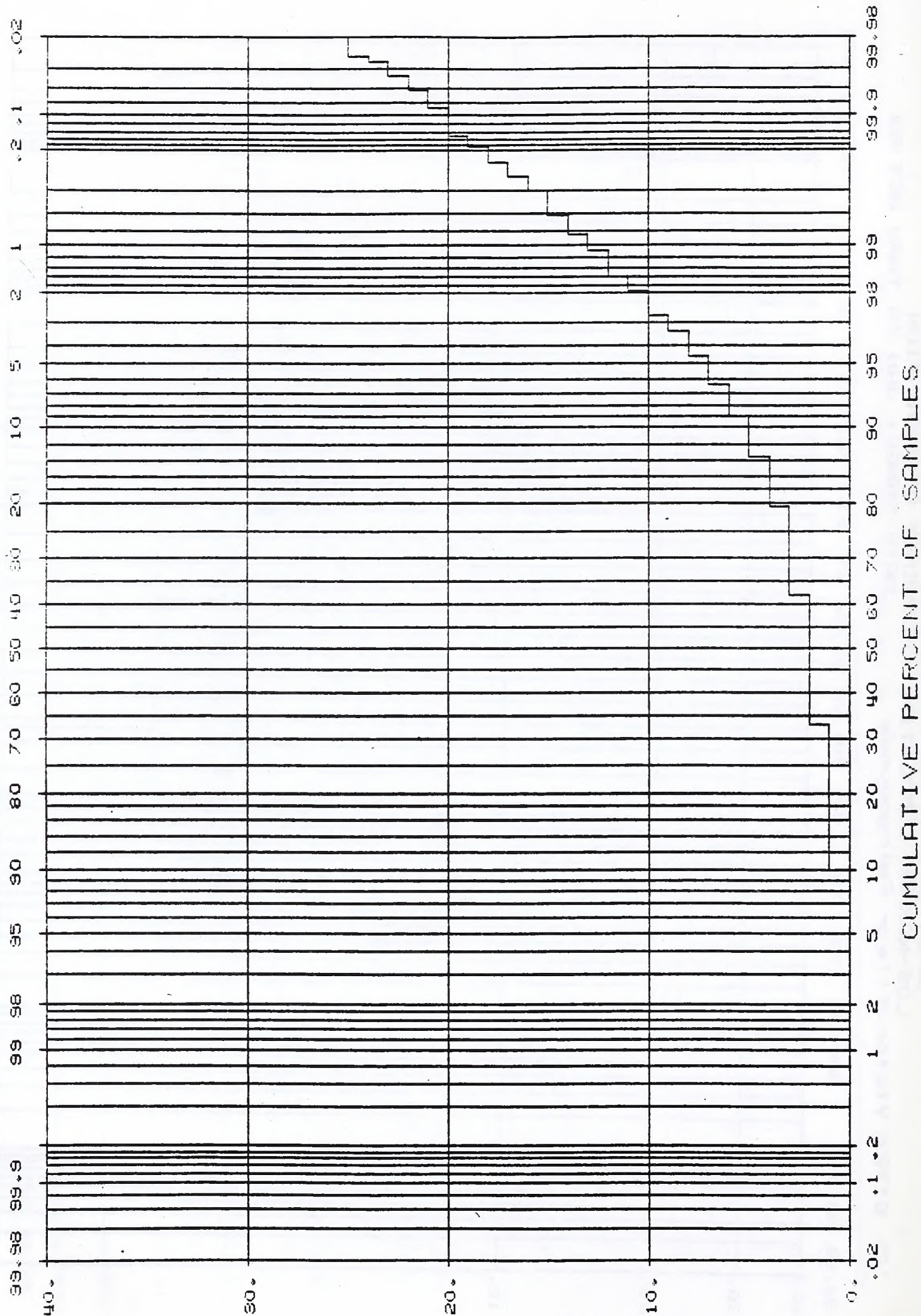
CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 SITE: Victorville - Fairgrounds DATE RANGE: JAN 80 THRU OCT 83



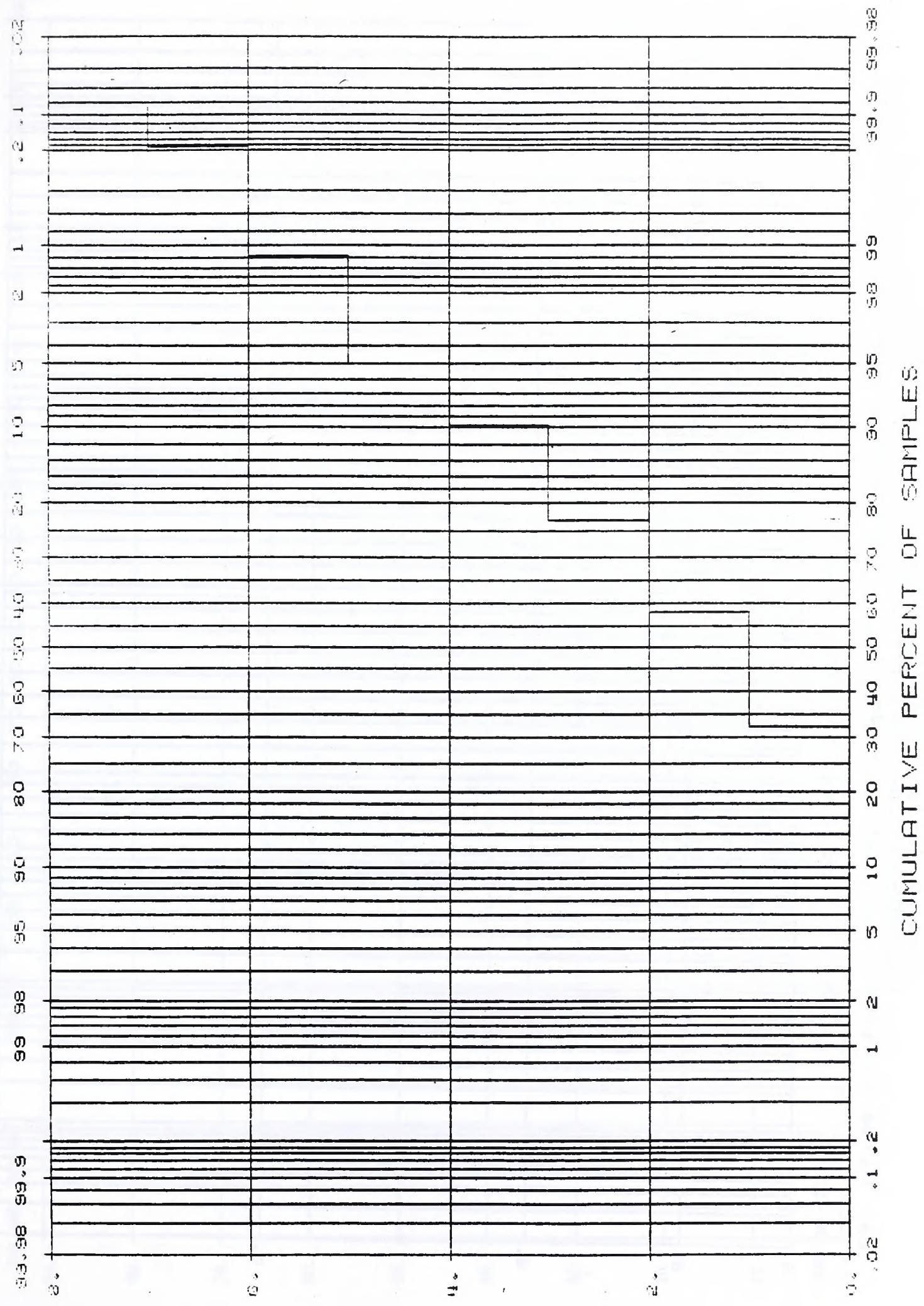
CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 SITE: Victorville - Fairgrounds DATE RANGE: JAN 79 THRU OCT 83



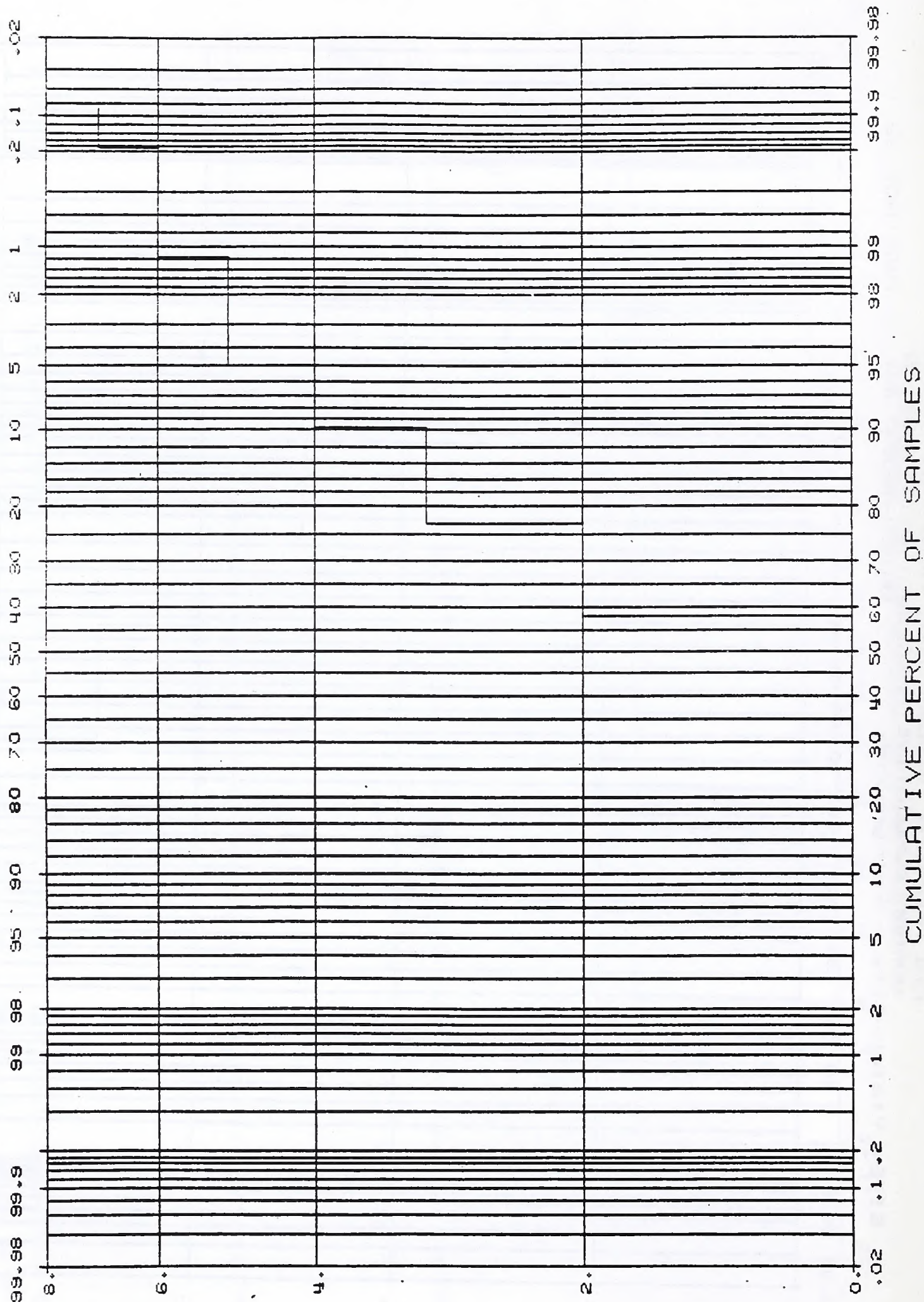
CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 SITE: Victorville - Fairgrounds DATE RANGE: JAN 79 THRU OCT 83



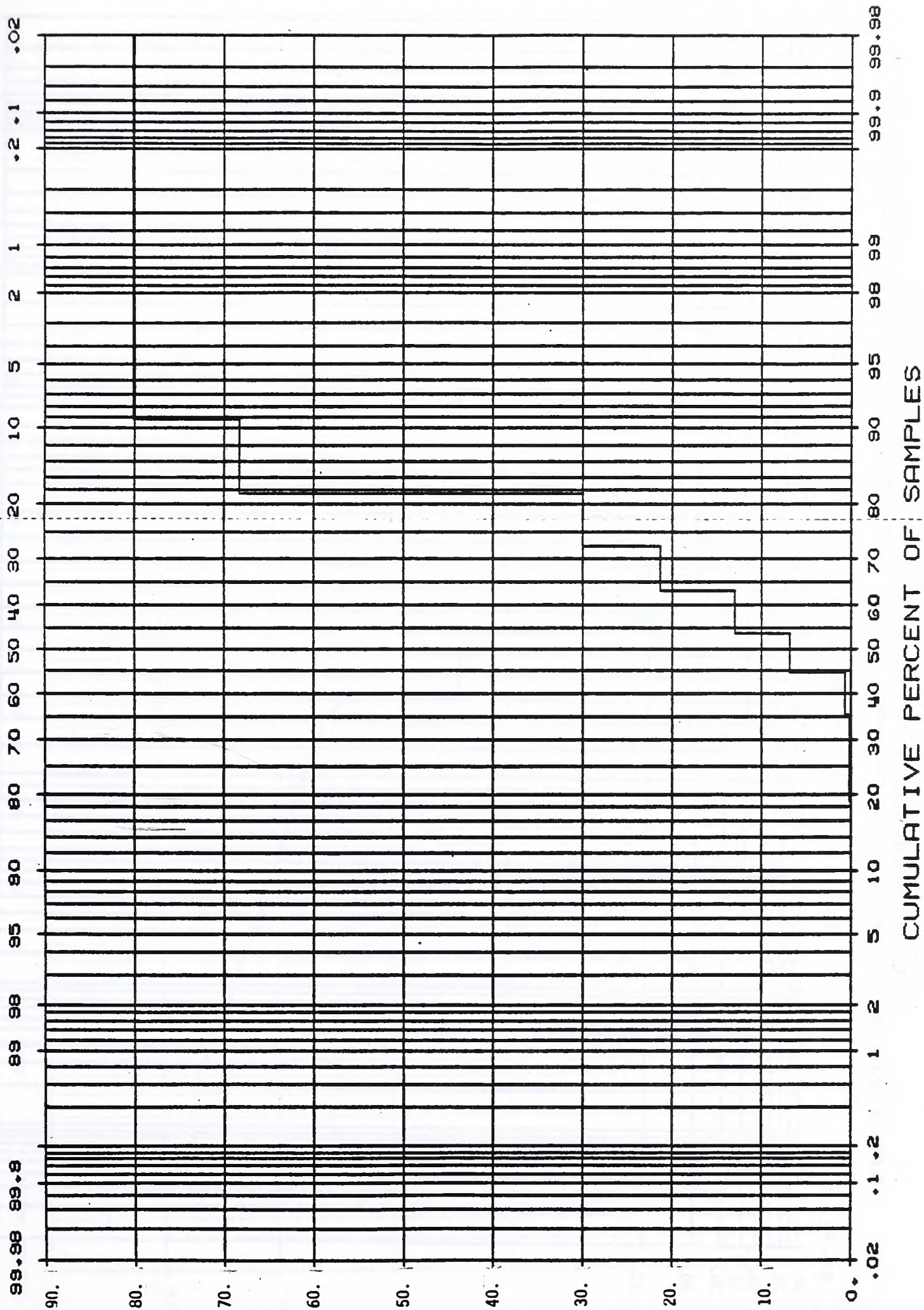
CALIFORNIA DESERT AIR POLLUTING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 SITE: Victorville - Fairgrounds DATE RANGE: JAN 78 THRU NOV 82



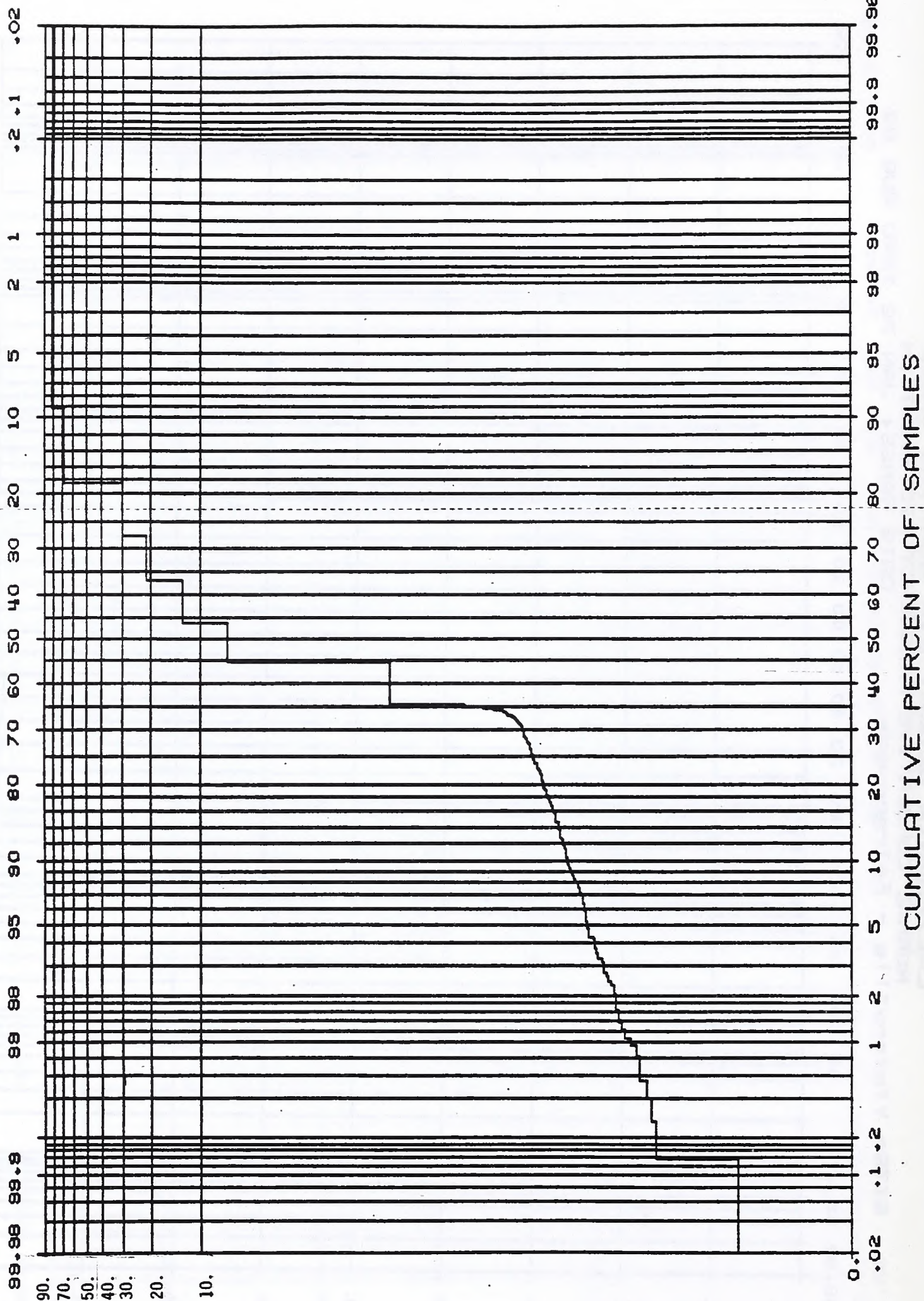
CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 SITE: Victorville - Fairgrounds DATE RANGE: JAN 78 THRU NOV 82



CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 SITE: Victorville - Fairgrounds DATE RANGE: JAN 78 THRU AUG 83

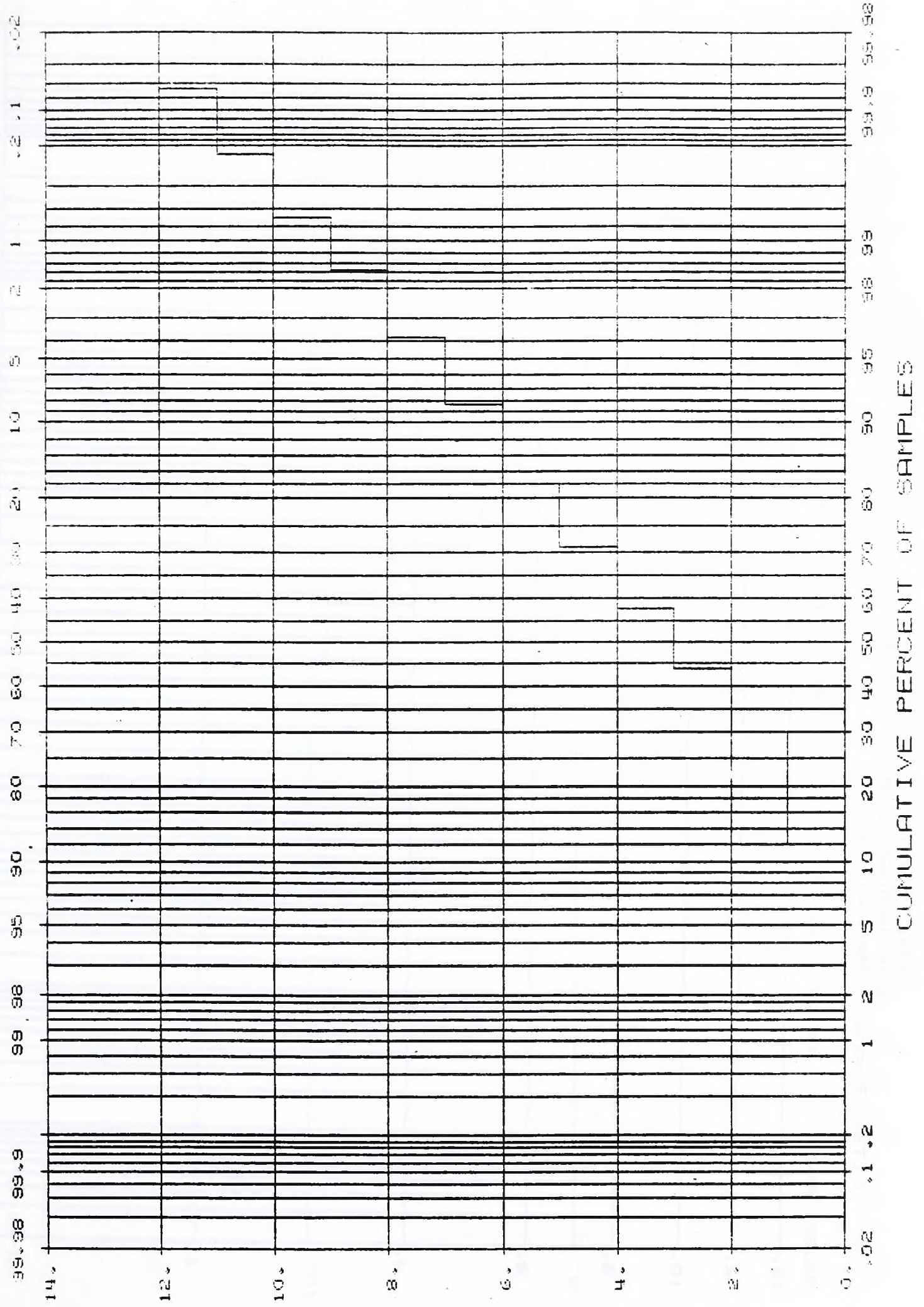


CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 SITE: Victorville - Fairgrounds DATE RANGE: JAN 78 THRU AUG 83



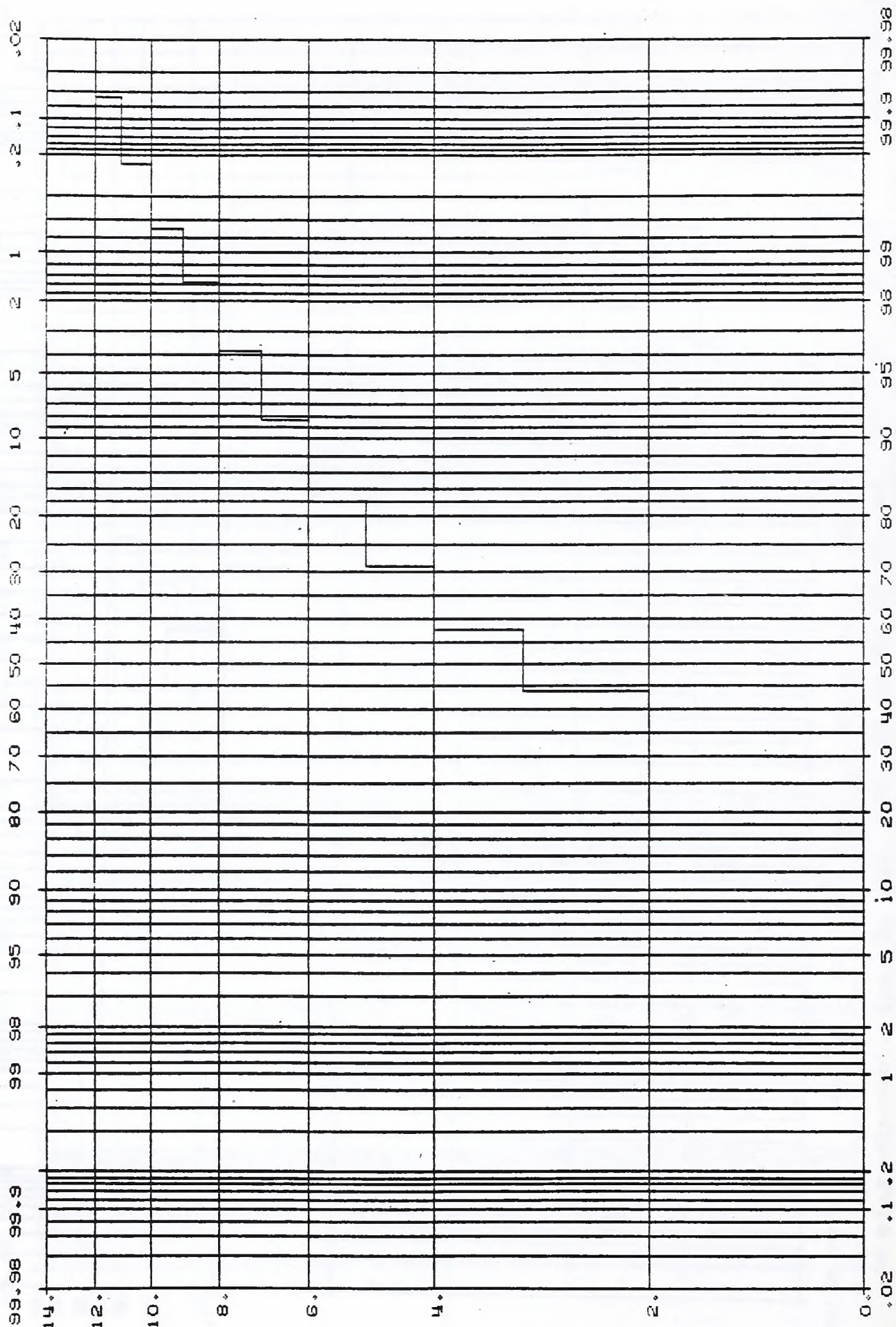
TSP IN UG/33

CALIFORNIA DESERT AIR POLLUTION GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 SITE: Trona - Market St. DATE RANGE: JAN 79 THRU OCT 98



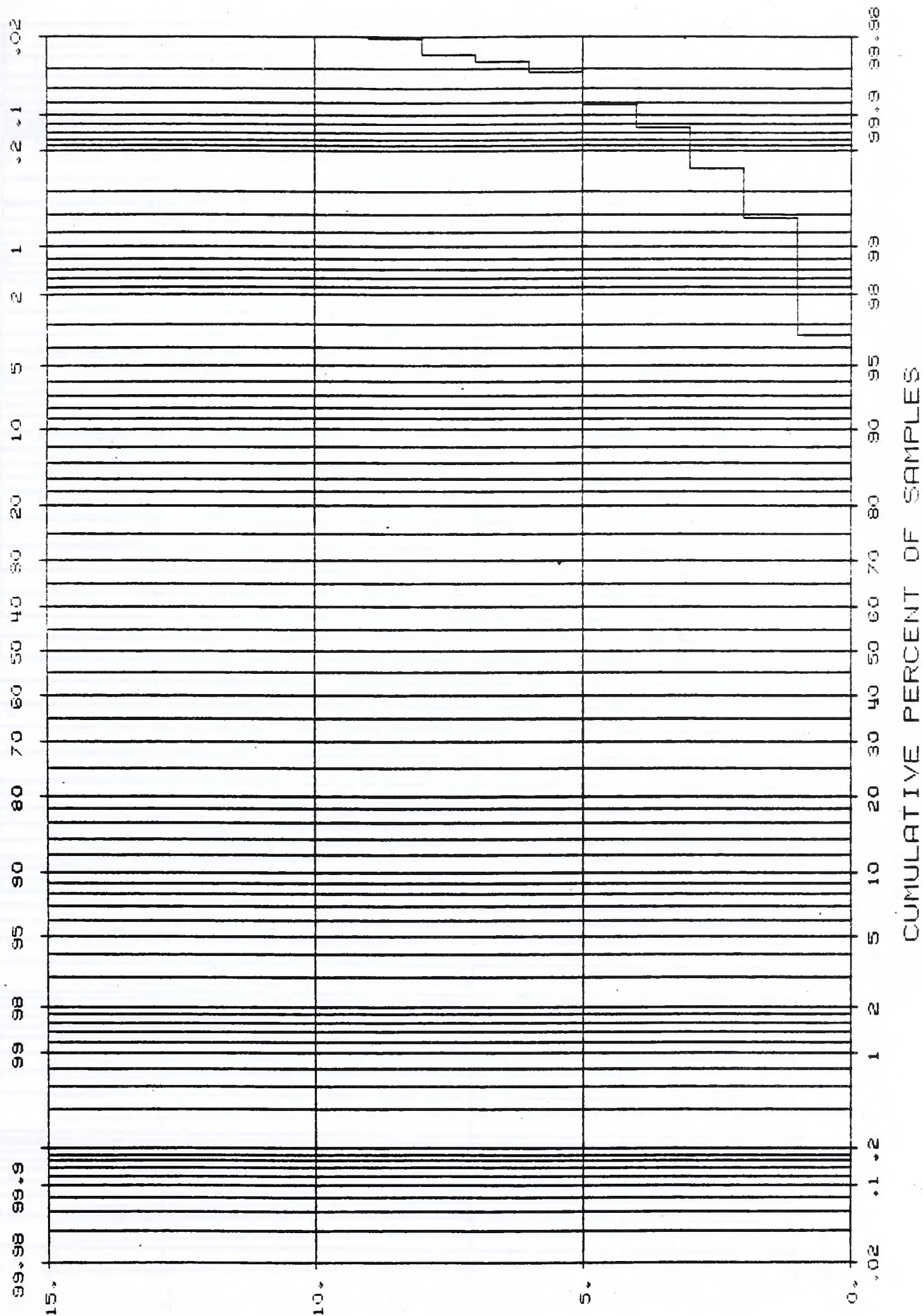
CALIFORNIA DESERT AIR WORKING GROUP
LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

SITE: Trona - Market St. DATE RANGE: JAN 78 THRU OCT 83

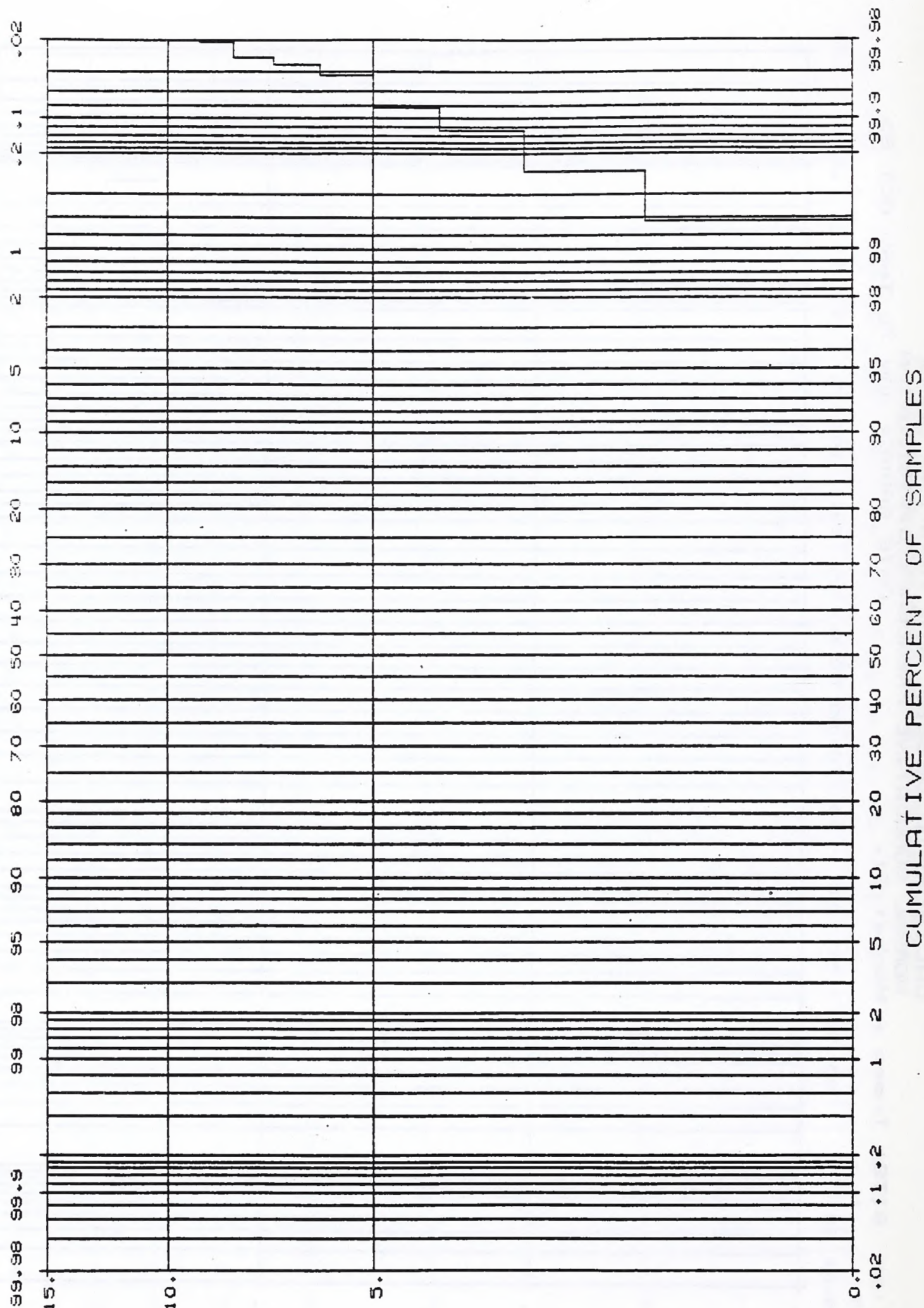


CUMULATIVE PERCENT OF SAMPLES

CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 SITE: Trona - Market St.
 DATE RANGE: JAN 78 THRU OCT 83



CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 SITE: Trona - Market St.
 DATE RANGE: JAN 78 THRU OCT 83

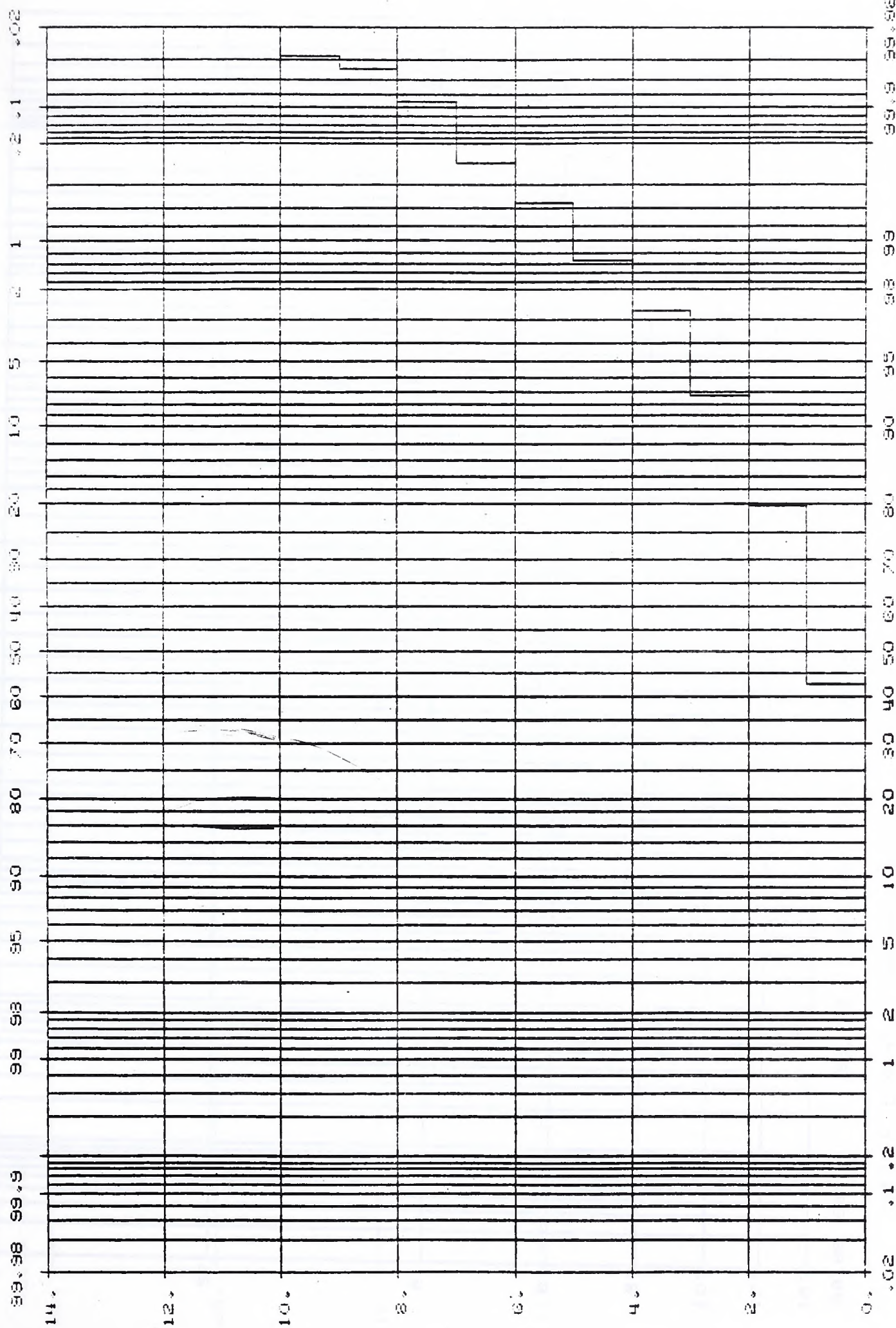


CONCENTRATION OF SO2 IN PPM

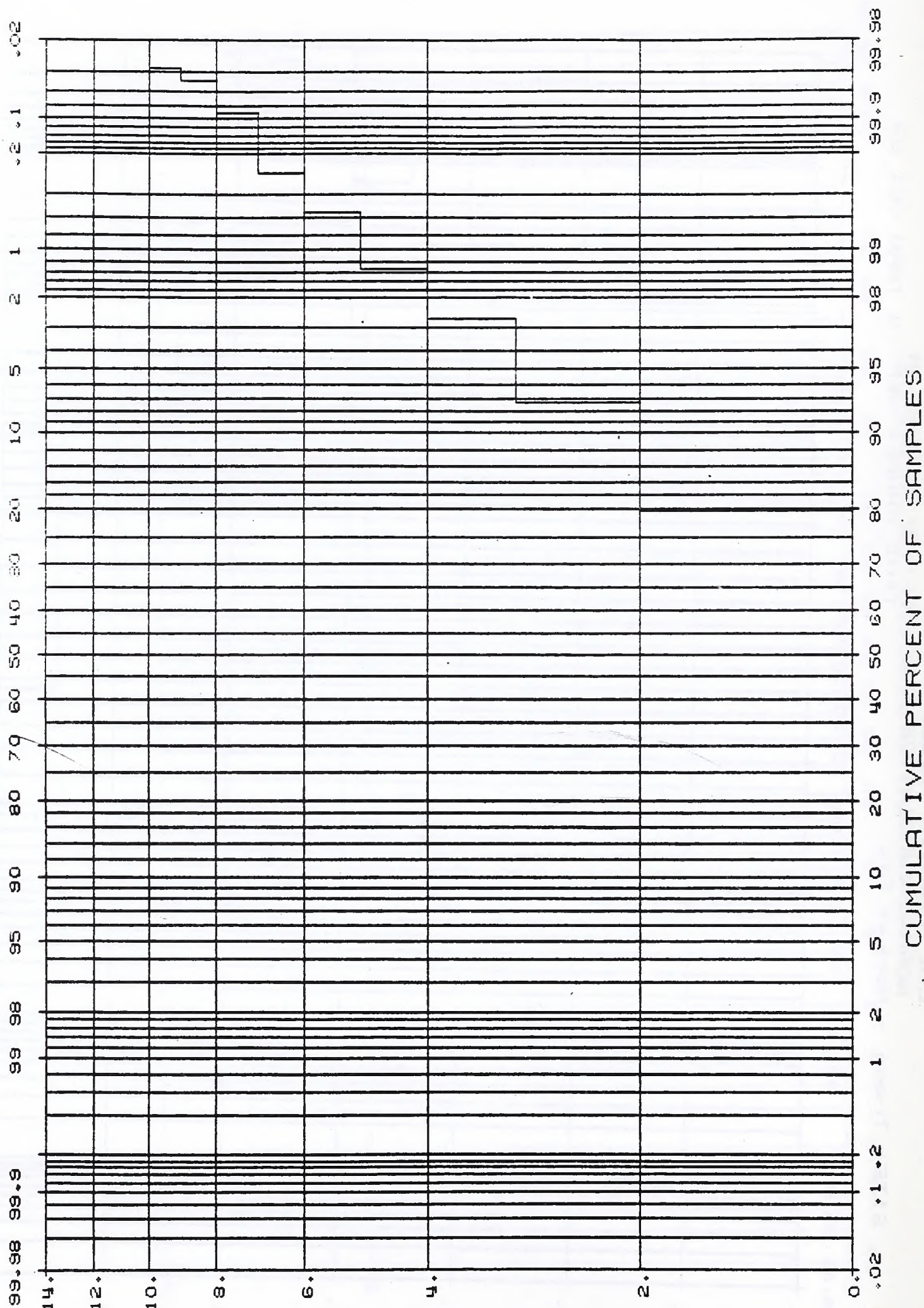
CALIFORNIA DESERT AIR WORKING GROUP NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: SEP 79 THRU OCT 83

SITE: Trona - Market St.



CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: SEP 79 THRU OCT 83
 SITE: Trona - Market St.

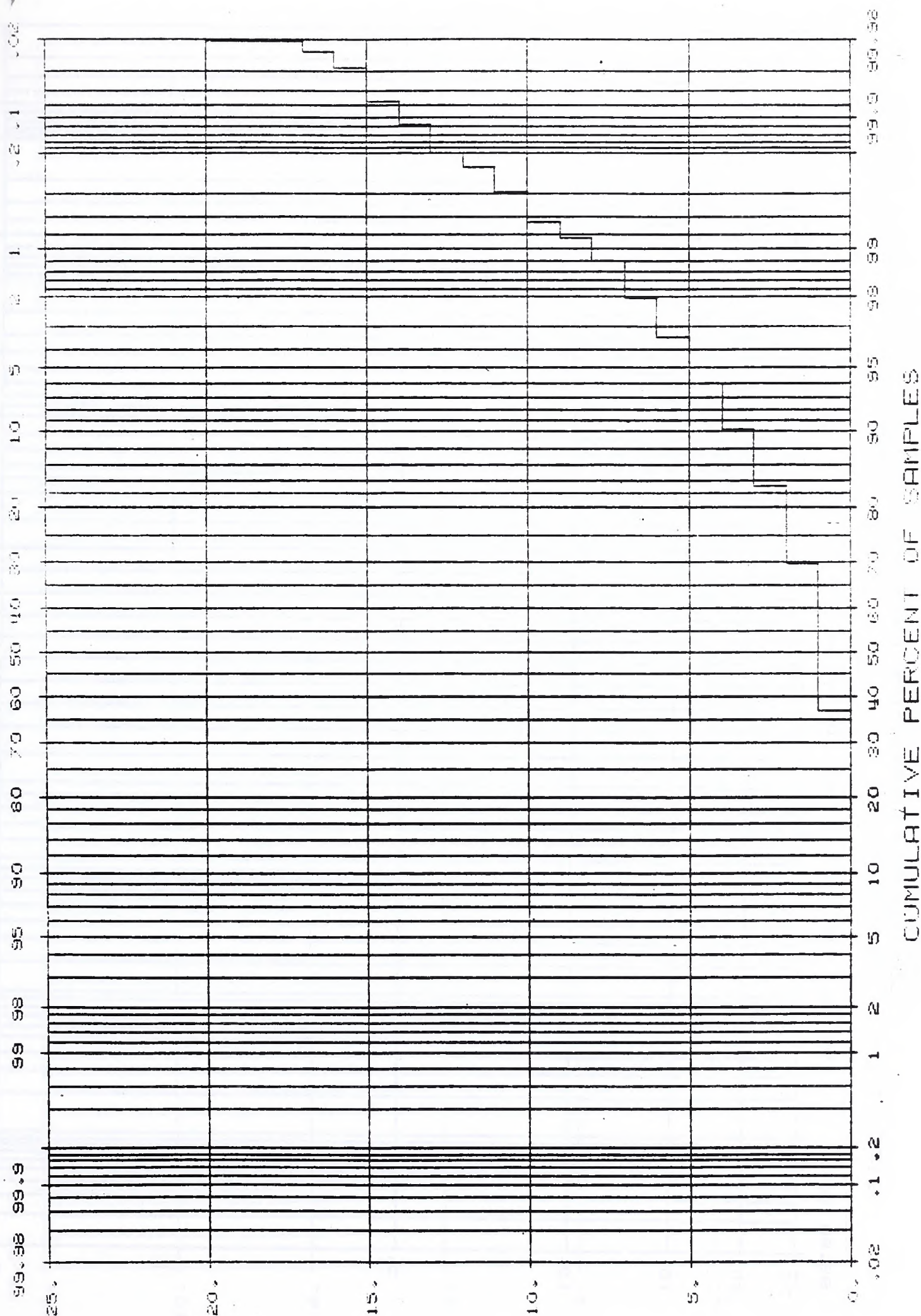


CONCENTRATION OF NO2 IN PPB

CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

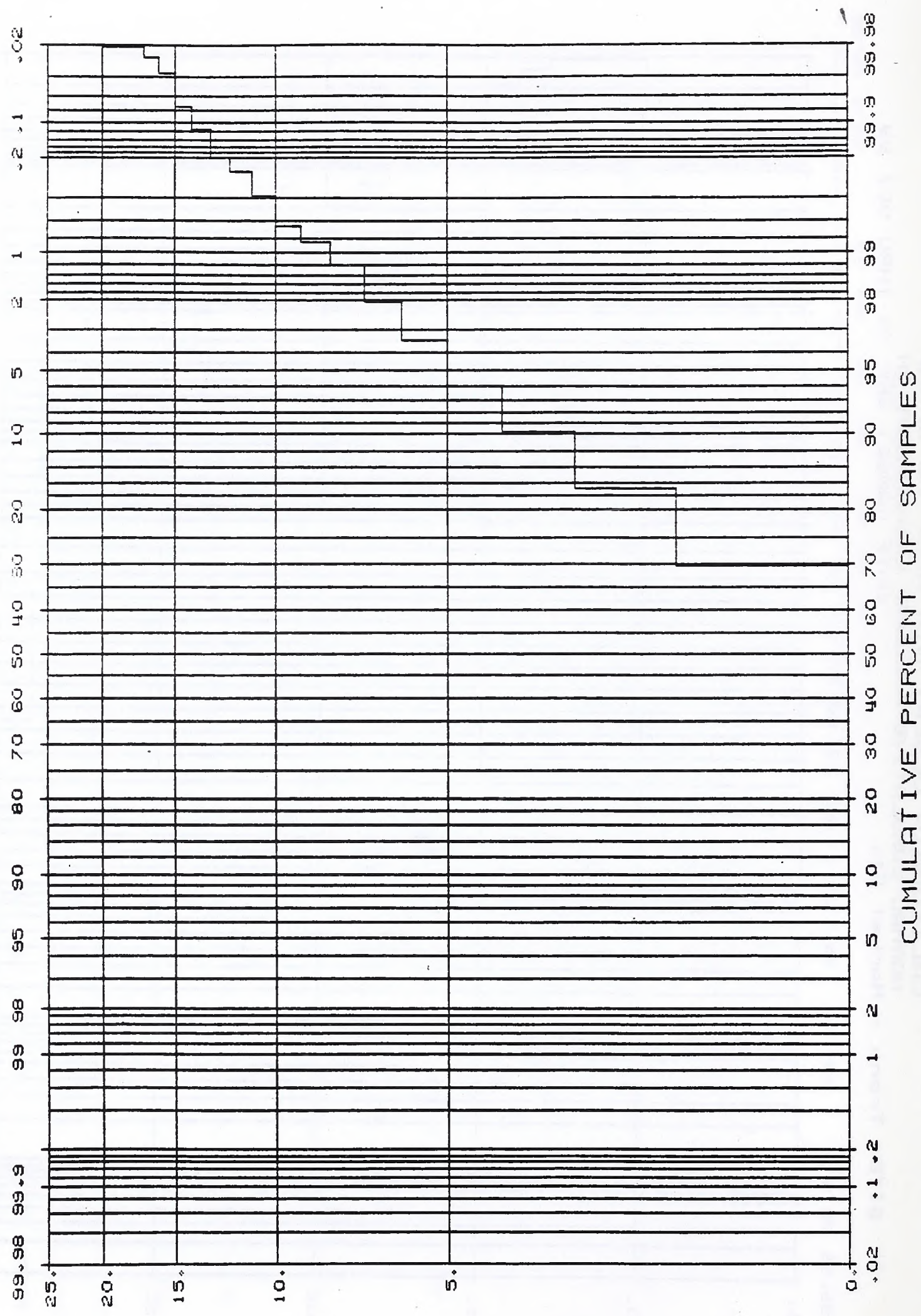
DATE RANGE: SEP 79 THRU OCT 89

SITE: Trona - Market St.

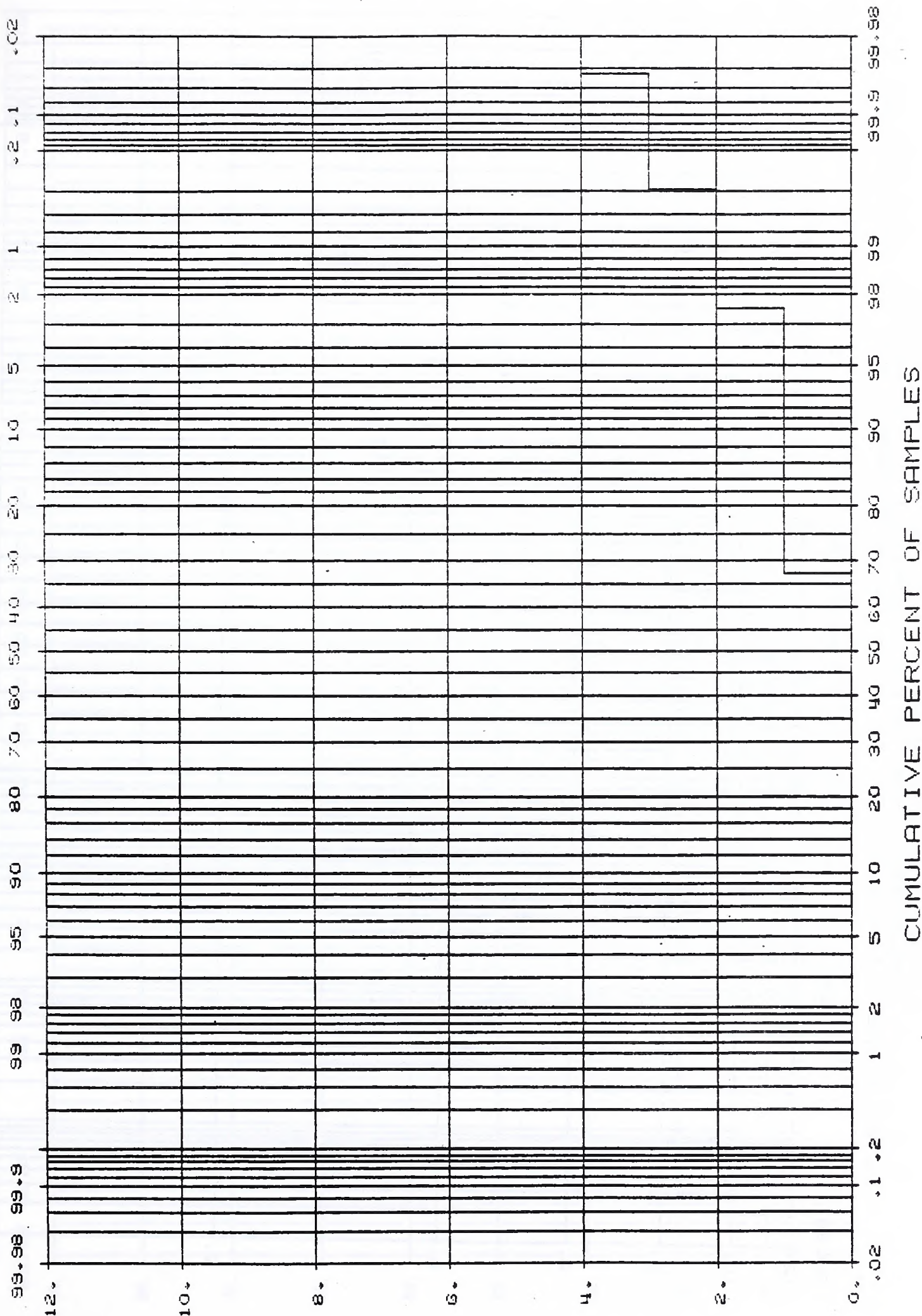


CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: SEP 79 THRU OCT 83

SITE: Trona - Market St.



CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: JUL 79 THRU FEB 82
 SITE: Trona - Market St.

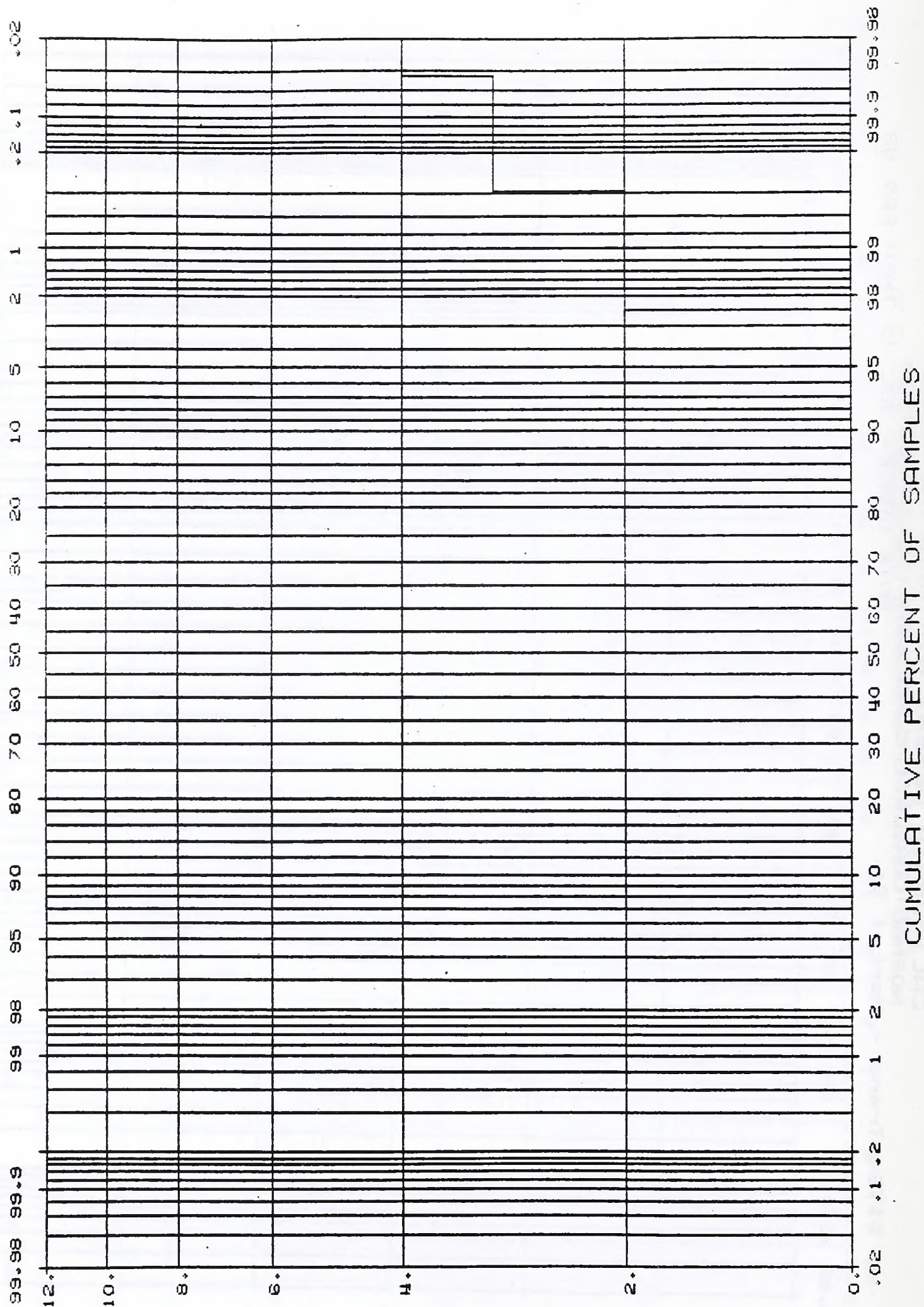


CALIFORNIA DESERT AIR WORKING GROUP

LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: JUL 79 THRU FEB 82

SITE: Trona - Market St.



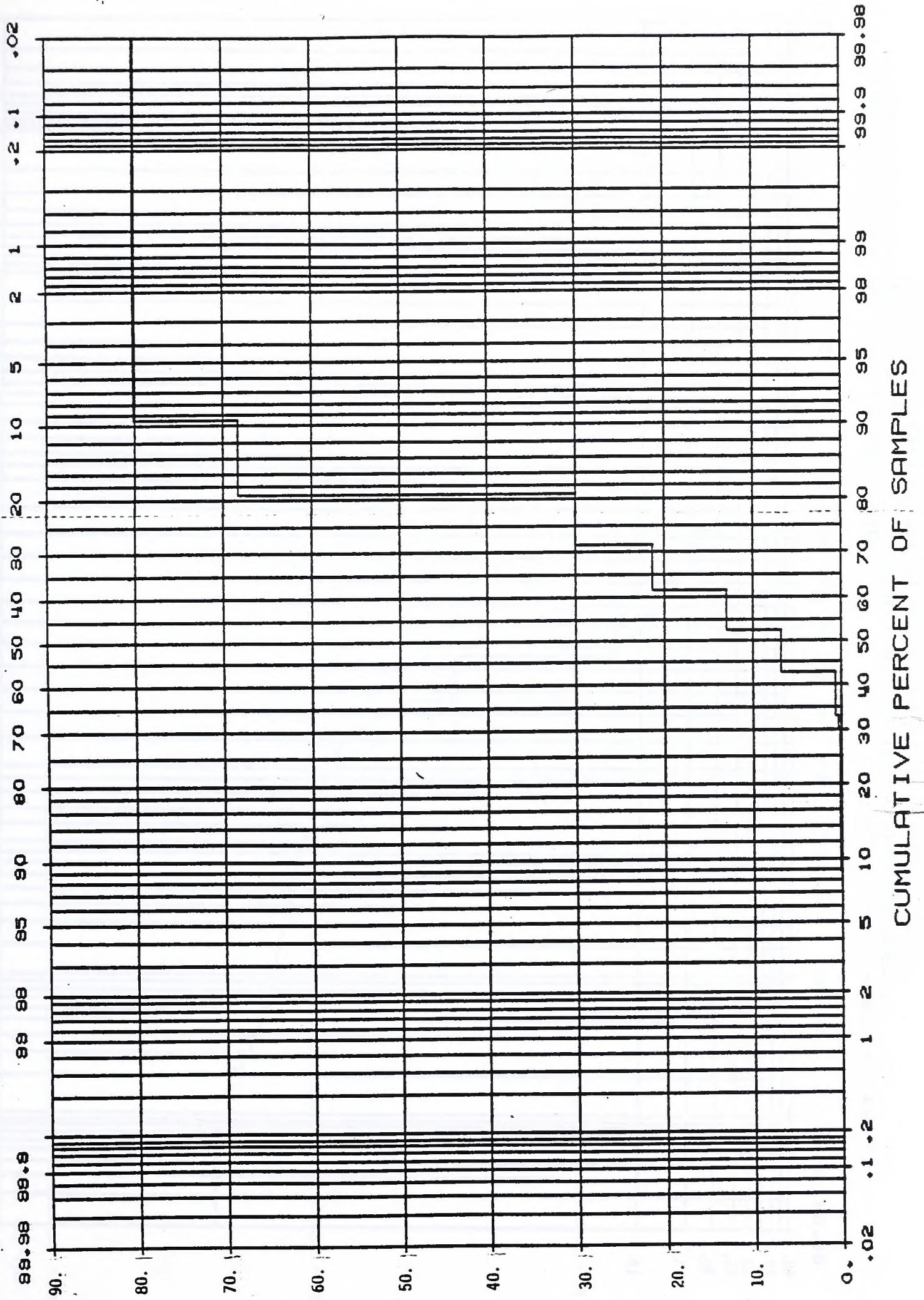
WDD NI

CONCENTRATION OF CO

C-71

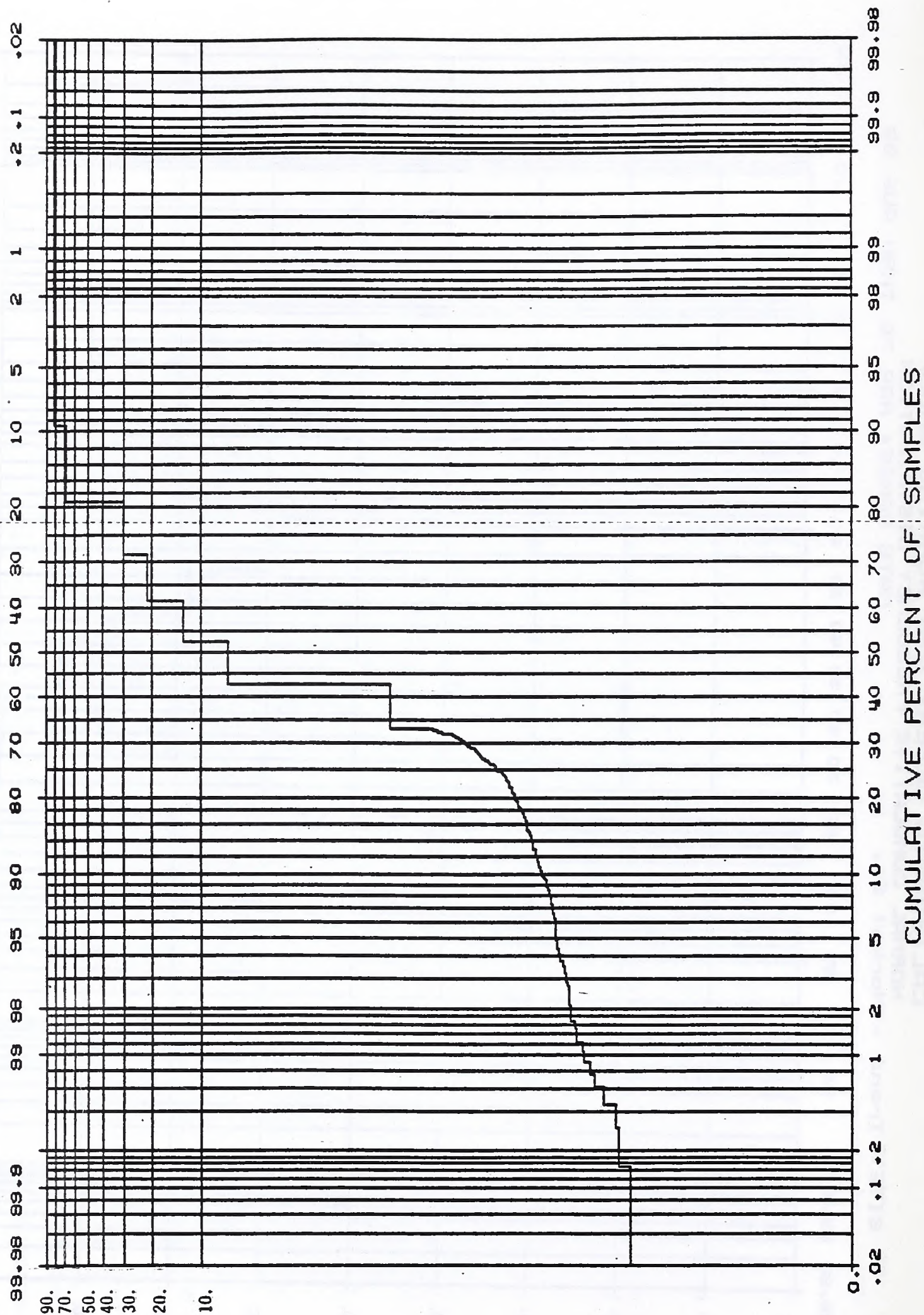
CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: MAR 76 THRU AUG 83

SITE: Trona - Market St.



TSP IN $\mu\text{g}/\text{m}^3$

CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 SITE: Trona - Market St. DATE RANGE: MAR 76 THRU AUG 83

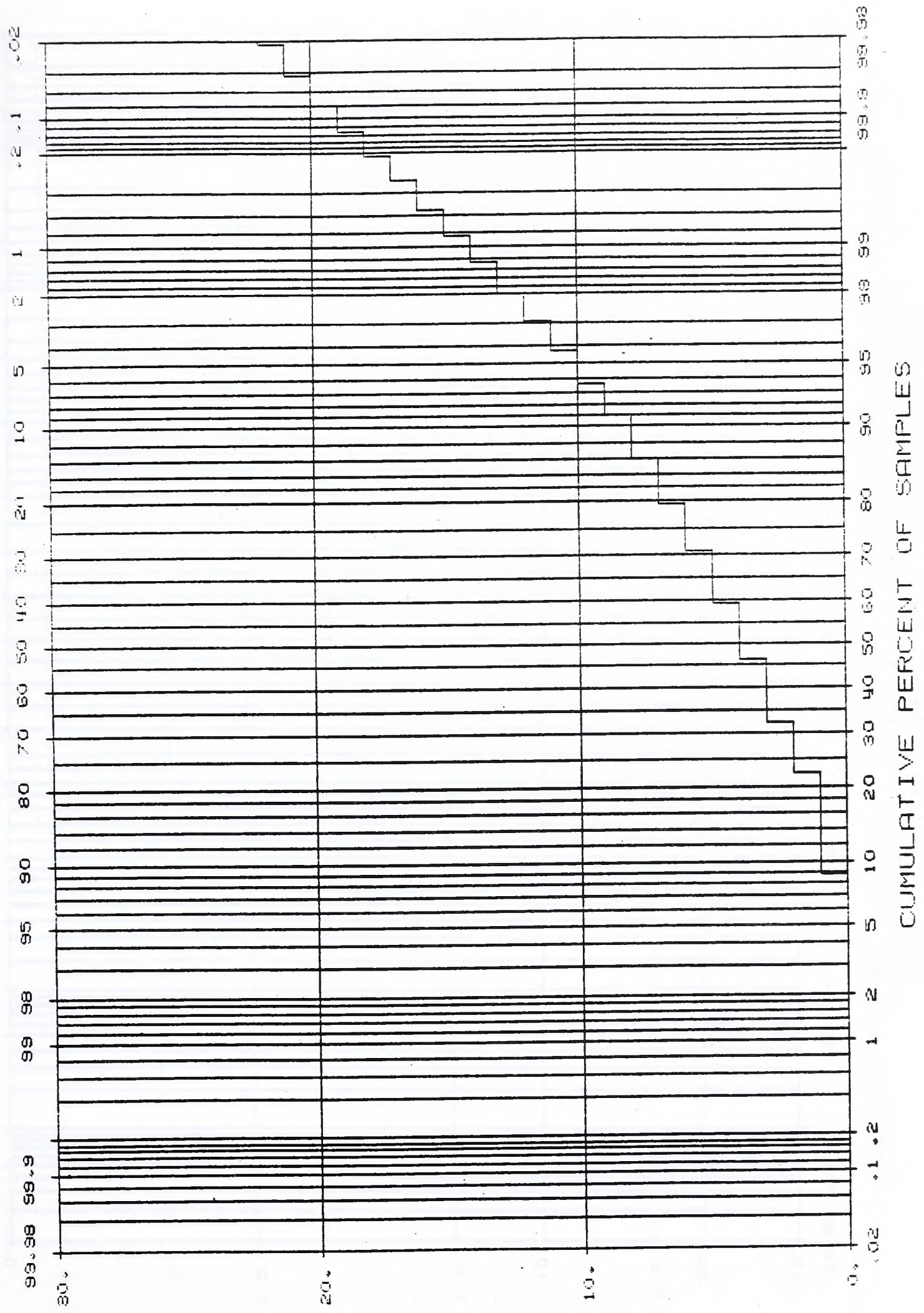


TSP IN $\mu\text{g}/\text{m}^3$

CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: DEC 78 THRU SEP 83

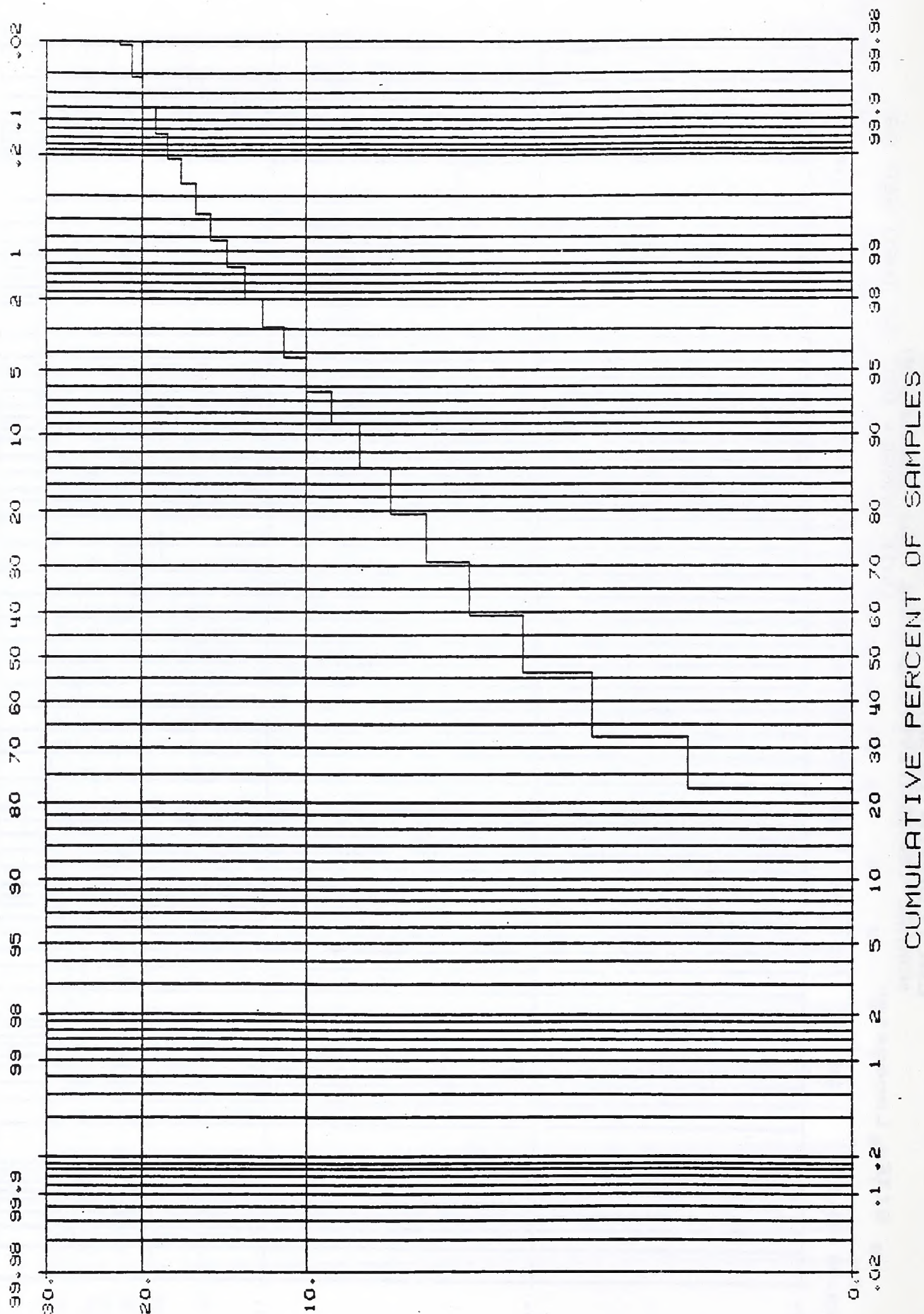
SITE: Lancaster



CONCENTRATION OF O3 IN PPB

CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: DEC 78 THRU SEP 83

SITE: Lancaster

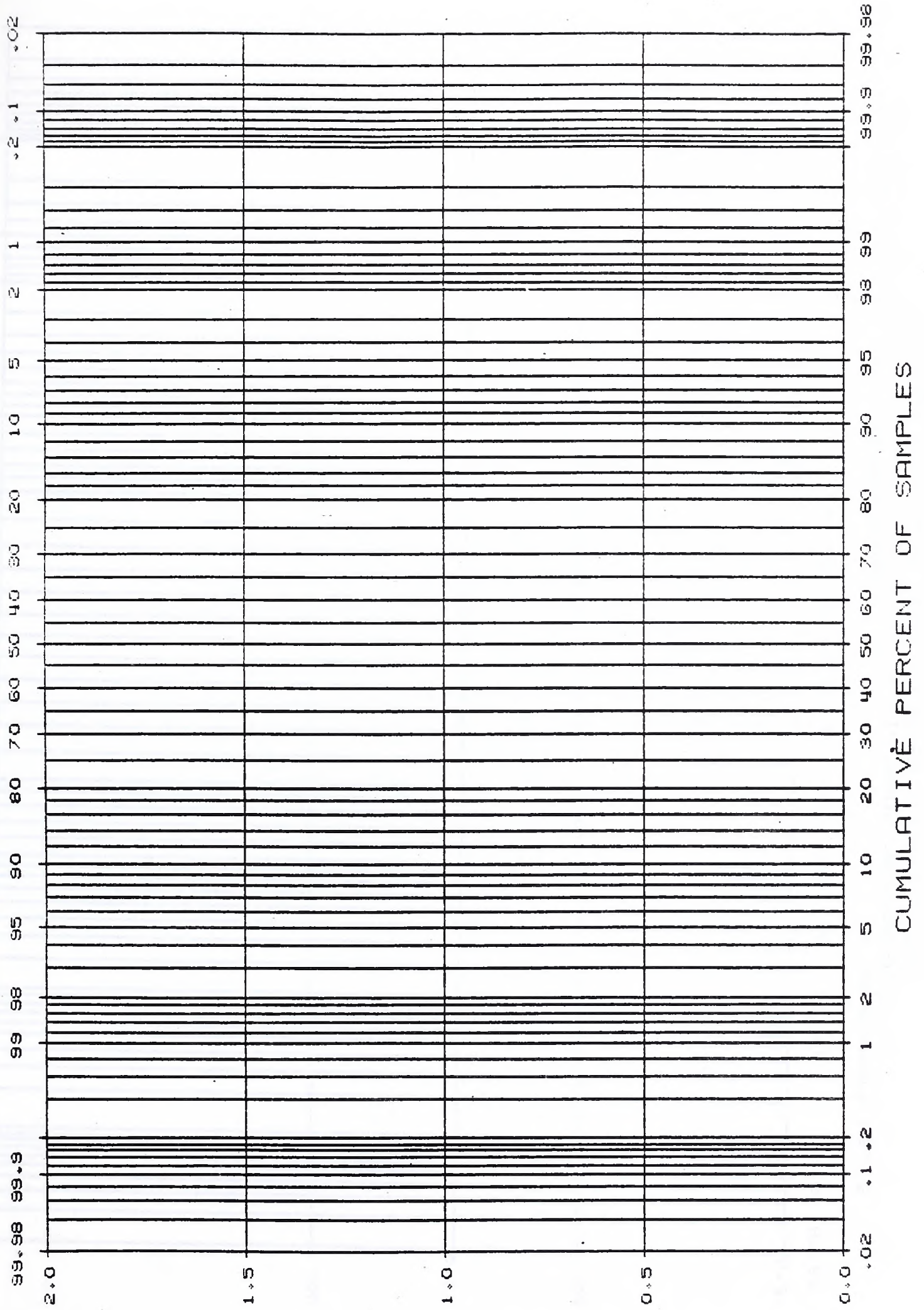


CONCENTRATION OF O3 IN PPB

CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: JAN 77 THRU DEC 76

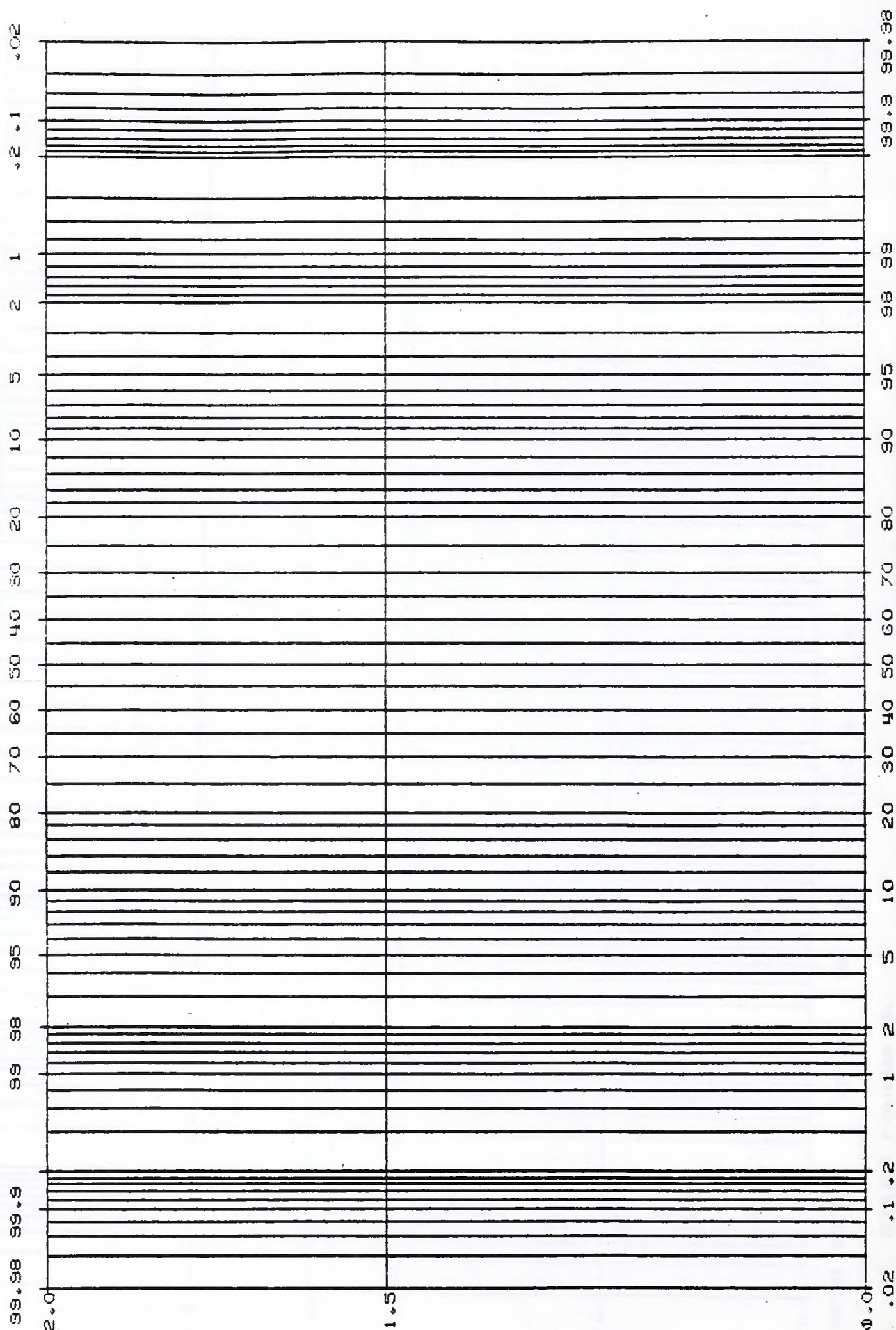
SITE: Lancaster



CALIFORNIA DESERT AIR WORKING GROUP LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: JAN 77 THRU DEC 76

SITE: Lancaster

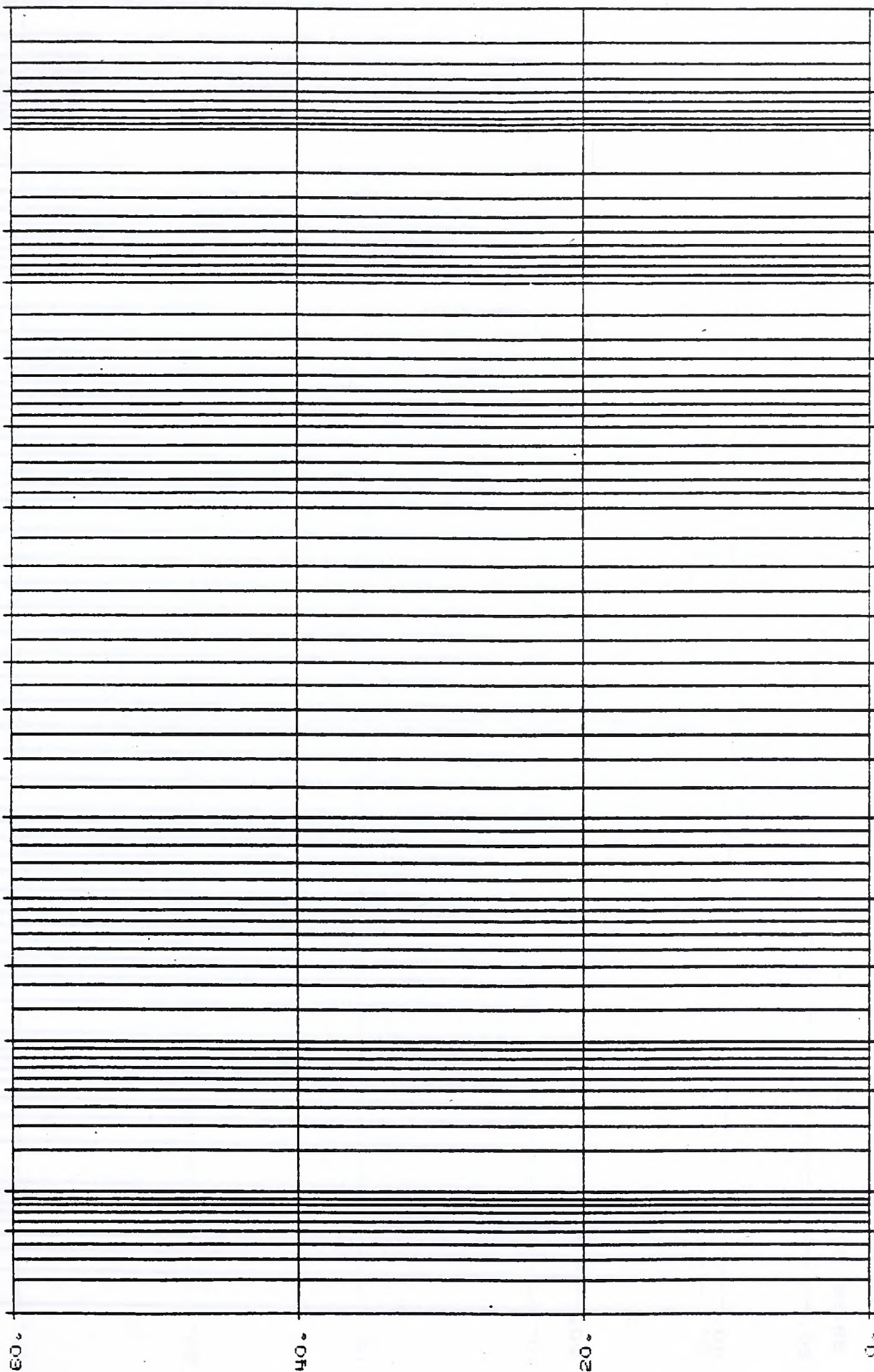


CALIFORNIA DESERT AIR WORKING GROUP NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: DEC 70 THRU SEP 83

SITE: Lancaster

99.98 99.9 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 .2 .1 .02



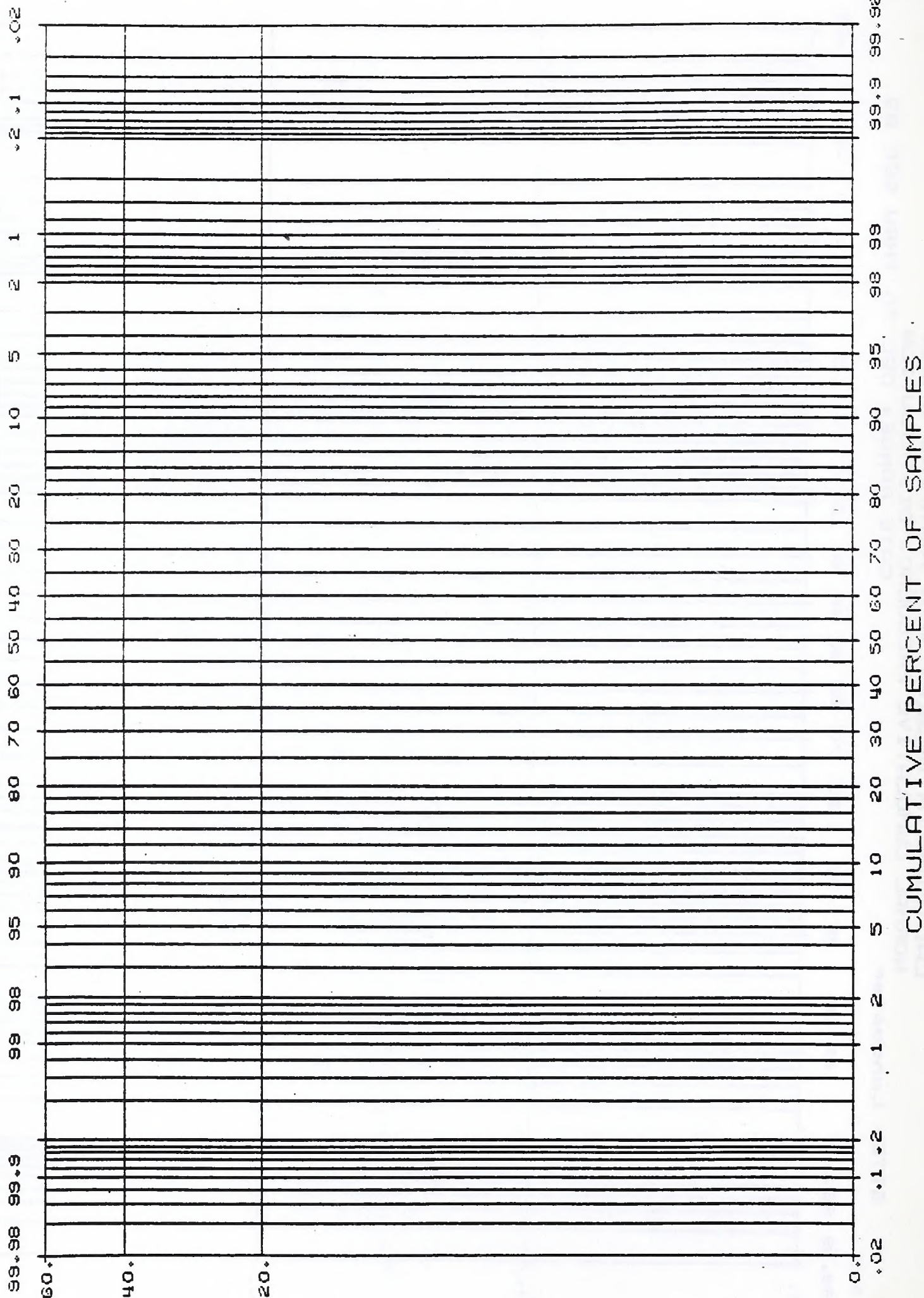
CONCENTRATION OF NO IN PPT3

CUMULATIVE PERCENT OF SAMPLES

CALIFORNIA DESERT AIR WORKING GROUP LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: DEC 70 THRU SEP 83

SITE: Lancaster

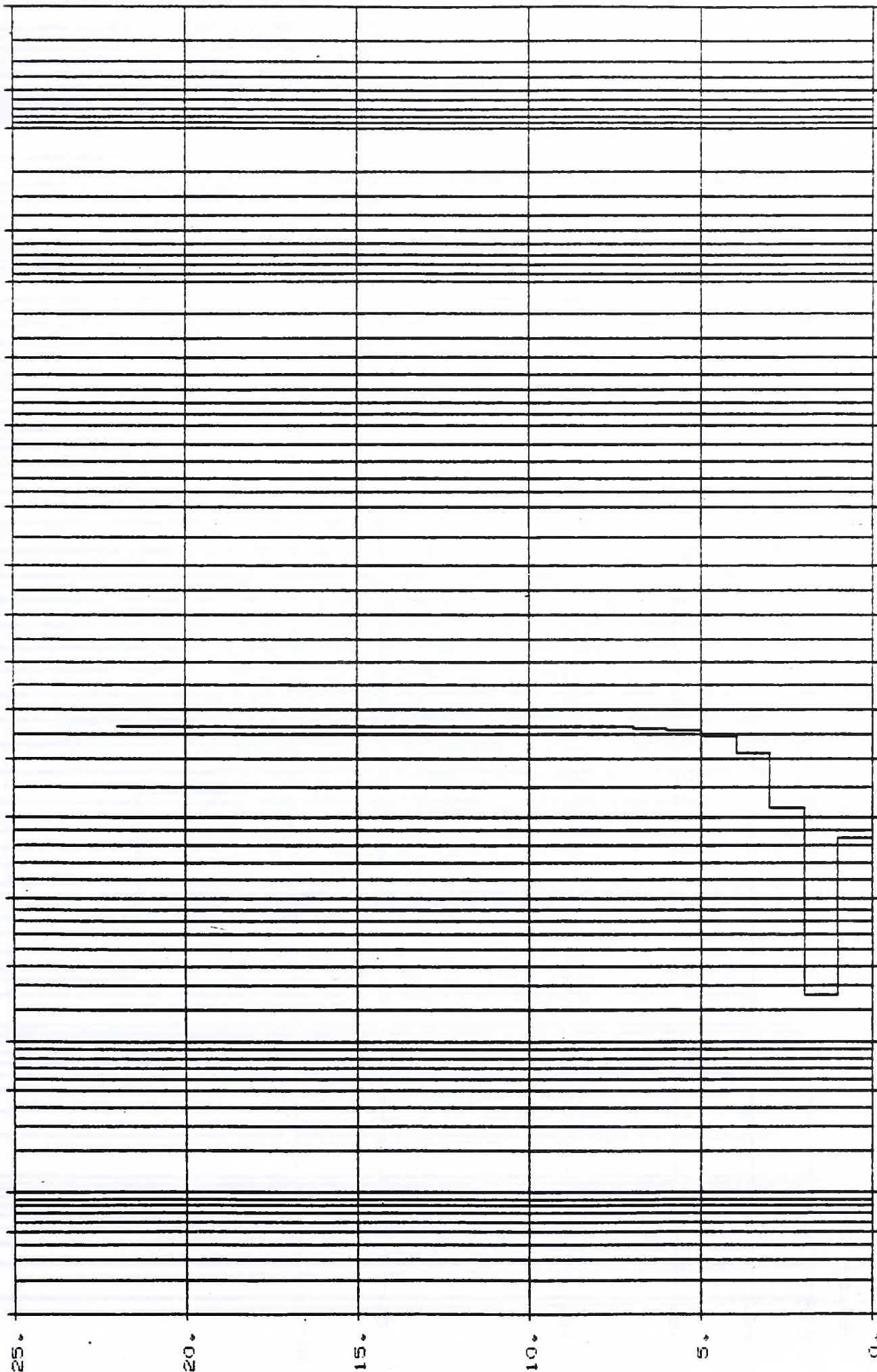


CALIFORNIA DESERT AIR WORKING GROUP NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: DEC 70 THRU SEP 83

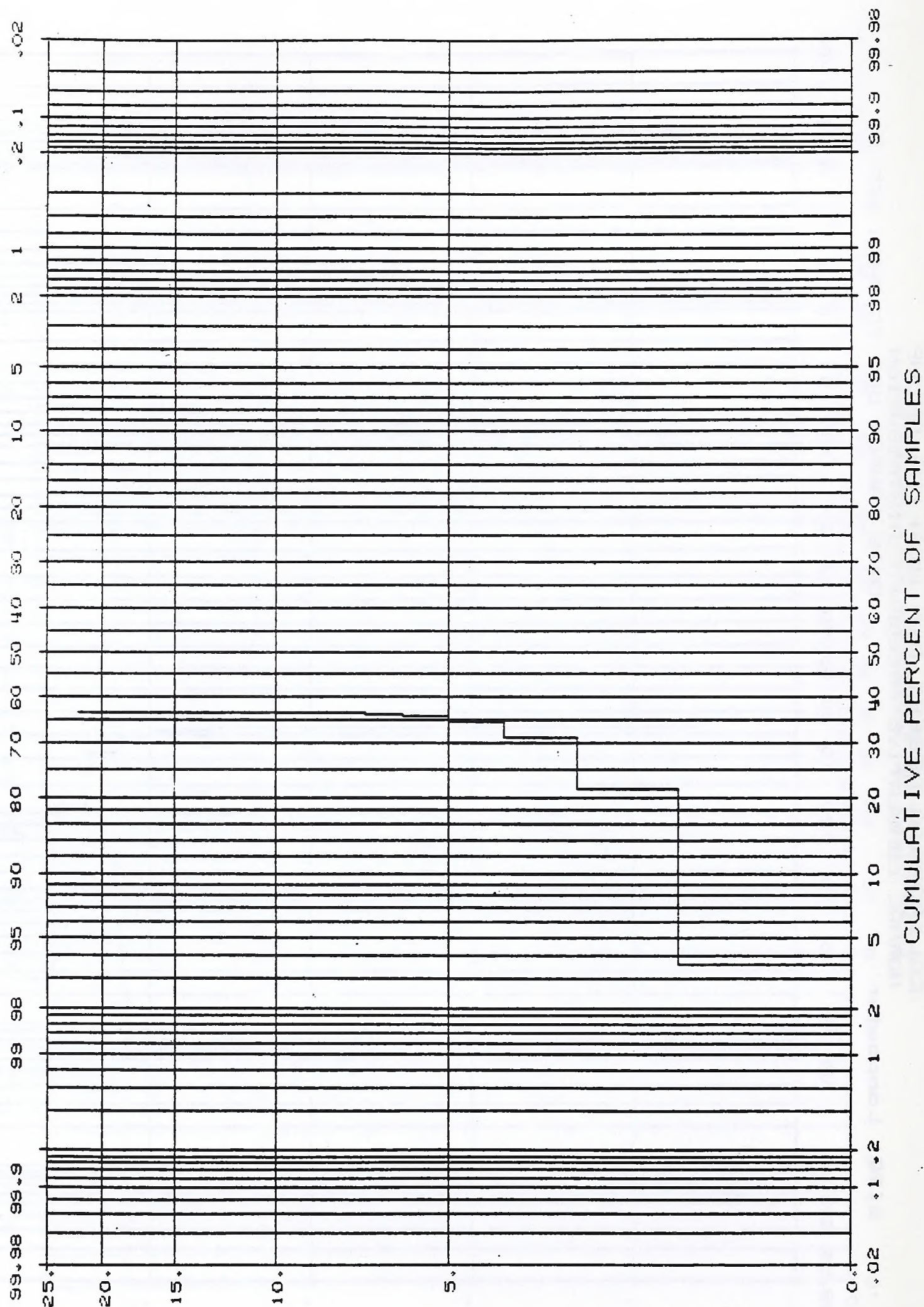
SITE: Lancaster

99.98 99.9 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 .2 .1 .02



CUMULATIVE PERCENT OF SAMPLES

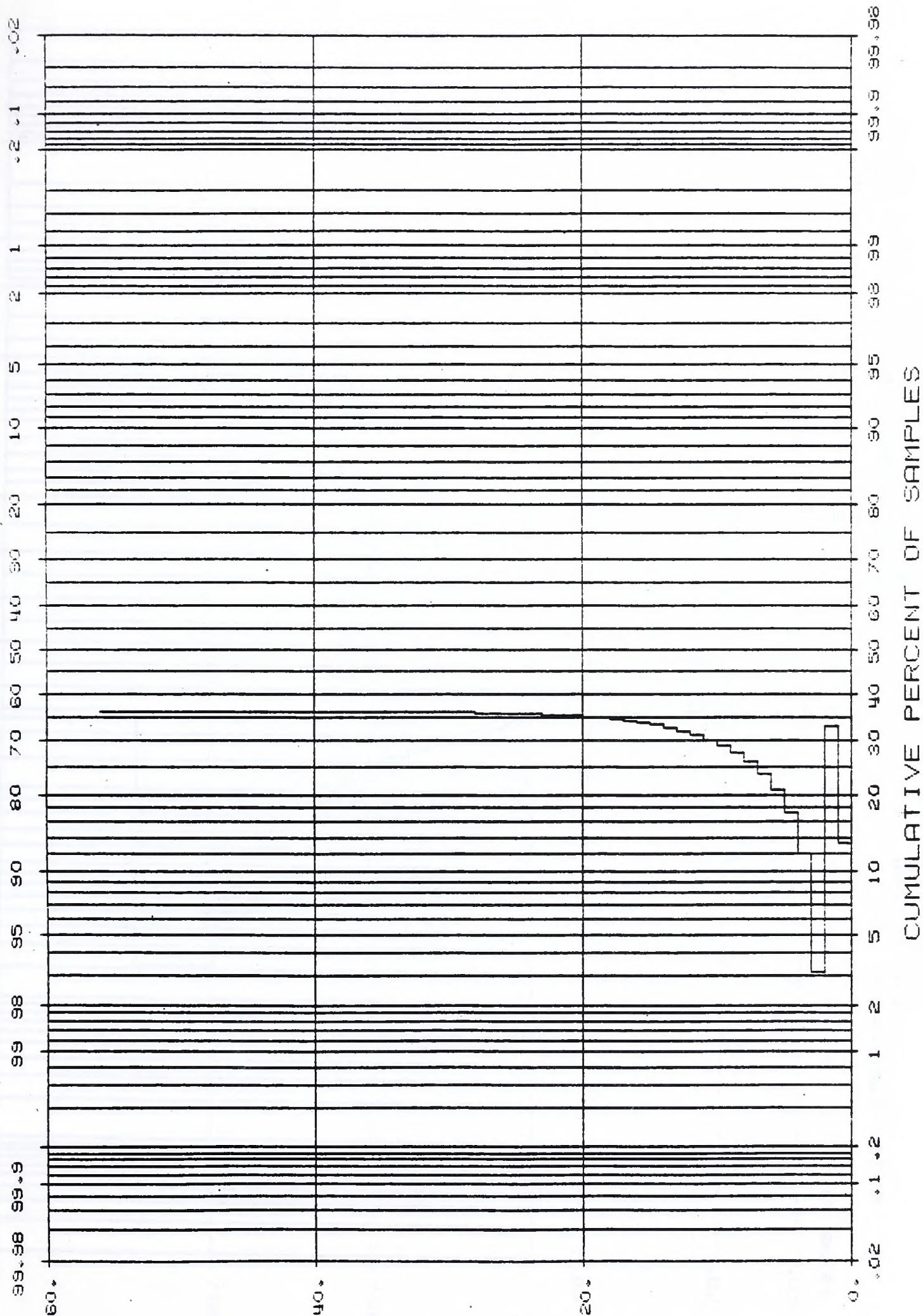
CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 SITE: Lancaster DATE RANGE: DEC 70 THRU SEP 88



CALIFORNIA DESERT AIR WORKING GROUP
NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

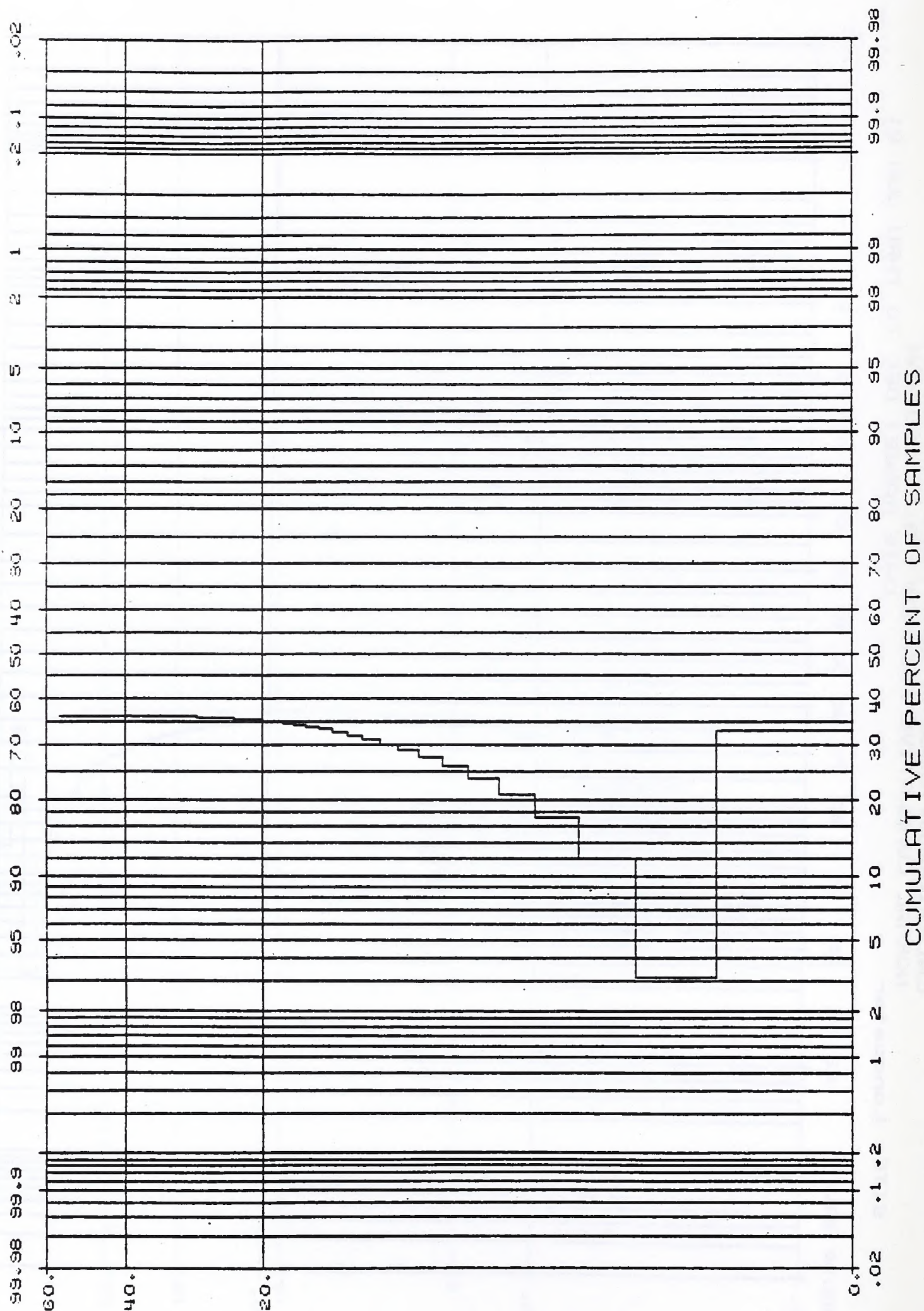
DATE RANGE: DEC 70 THRU JUN 81

SITE: Lancaster



CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: DEC 70 THRU JUN 81

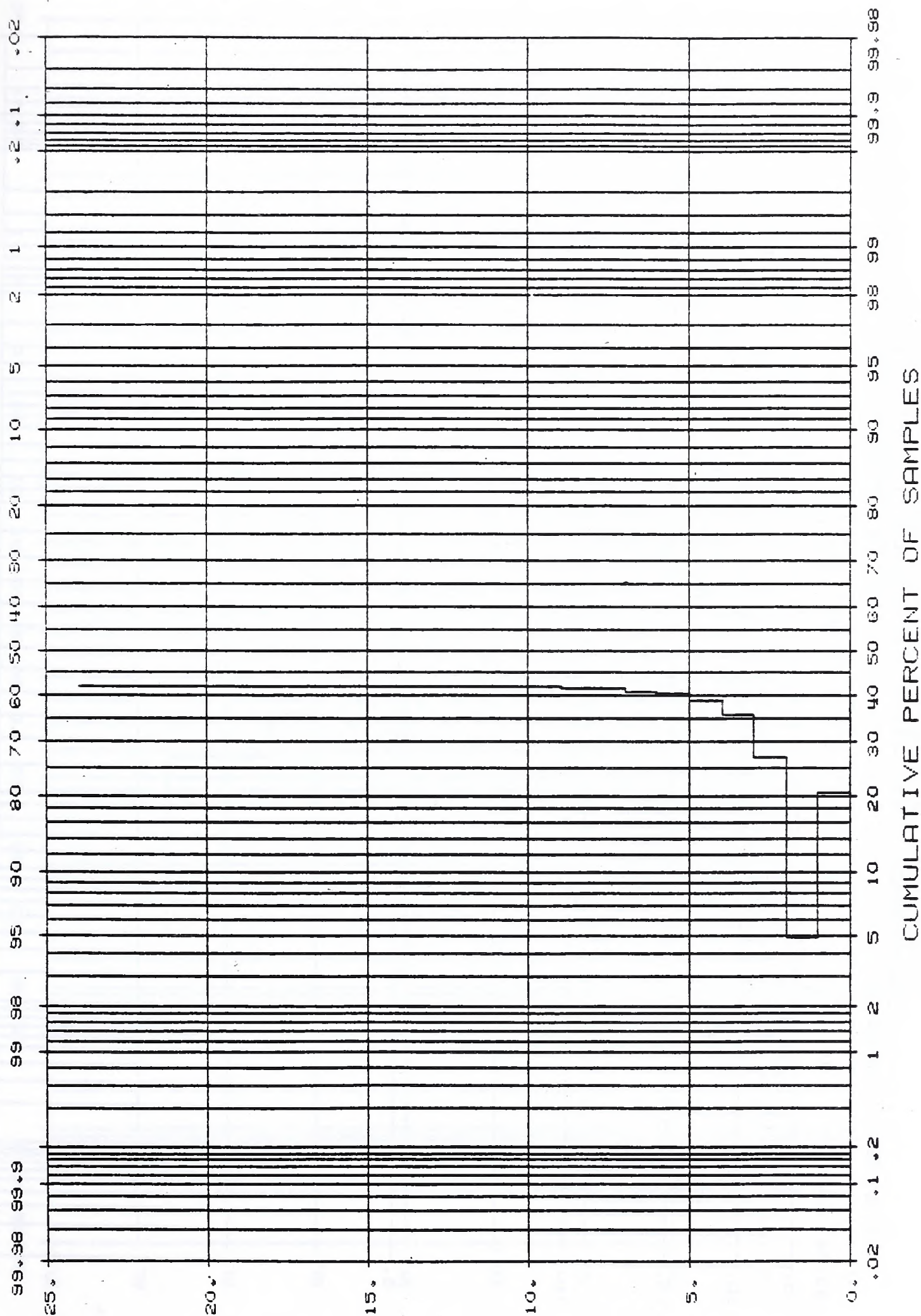
SITE: Lancaster



CALIFORNIA DESERT AIR WORKING GROUP NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

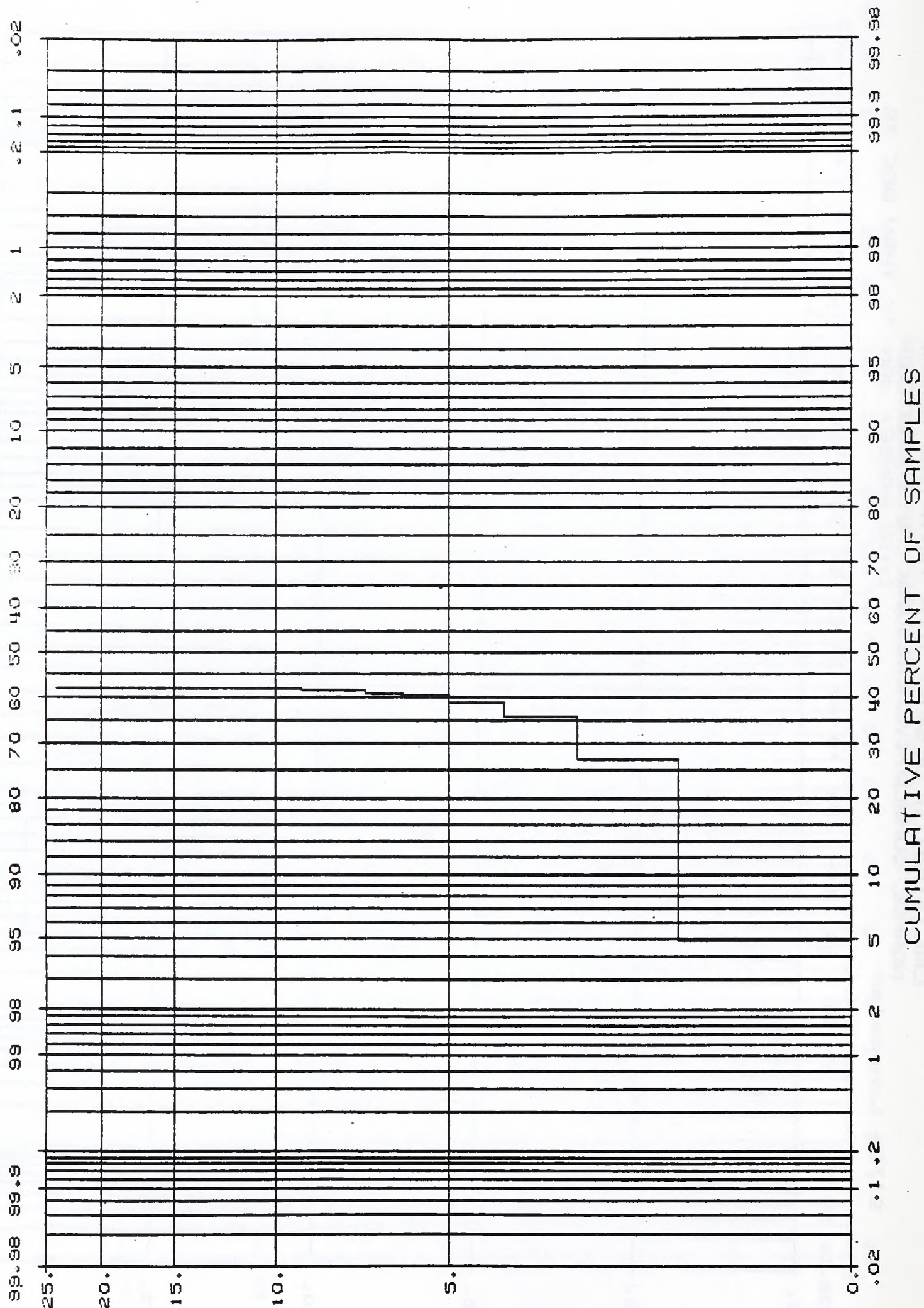
DATE RANGE: JAN 77 THRU DEC 76

SITE: Lancaster



CALIFORNIA DESERT AIR WORKING GROUP LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

SITE: Lancaster DATE RANGE: JAN 77 THRU DEC 76

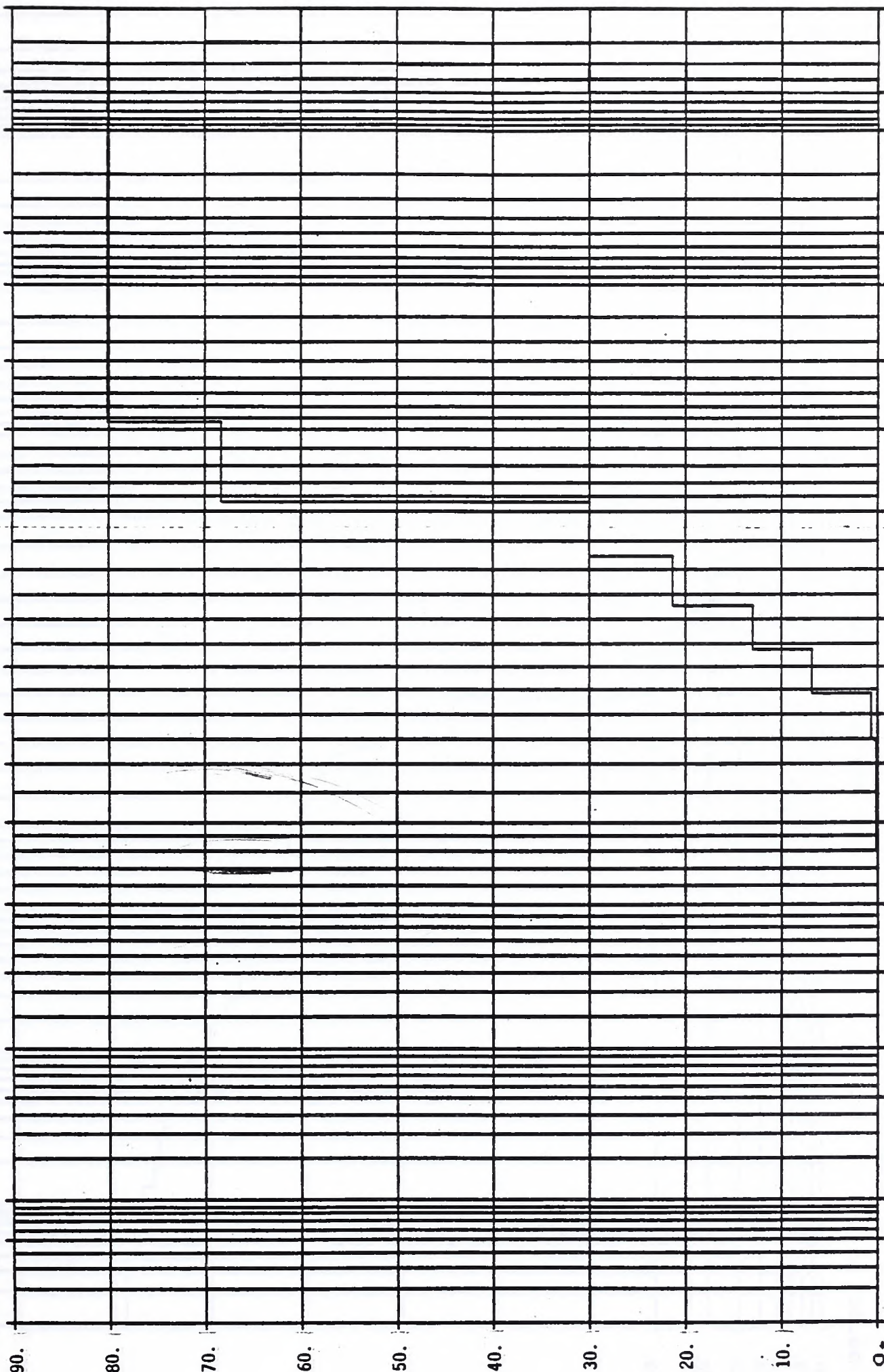


CALIFORNIA DESERT AIR WORKING GROUP NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: JAN 75 THRU AUG 83

SITE: Lancaster

99.98 99.9 99.98 95 90 80 70 60 50 40 30 20 10 5 2 1 .2 .1 .02

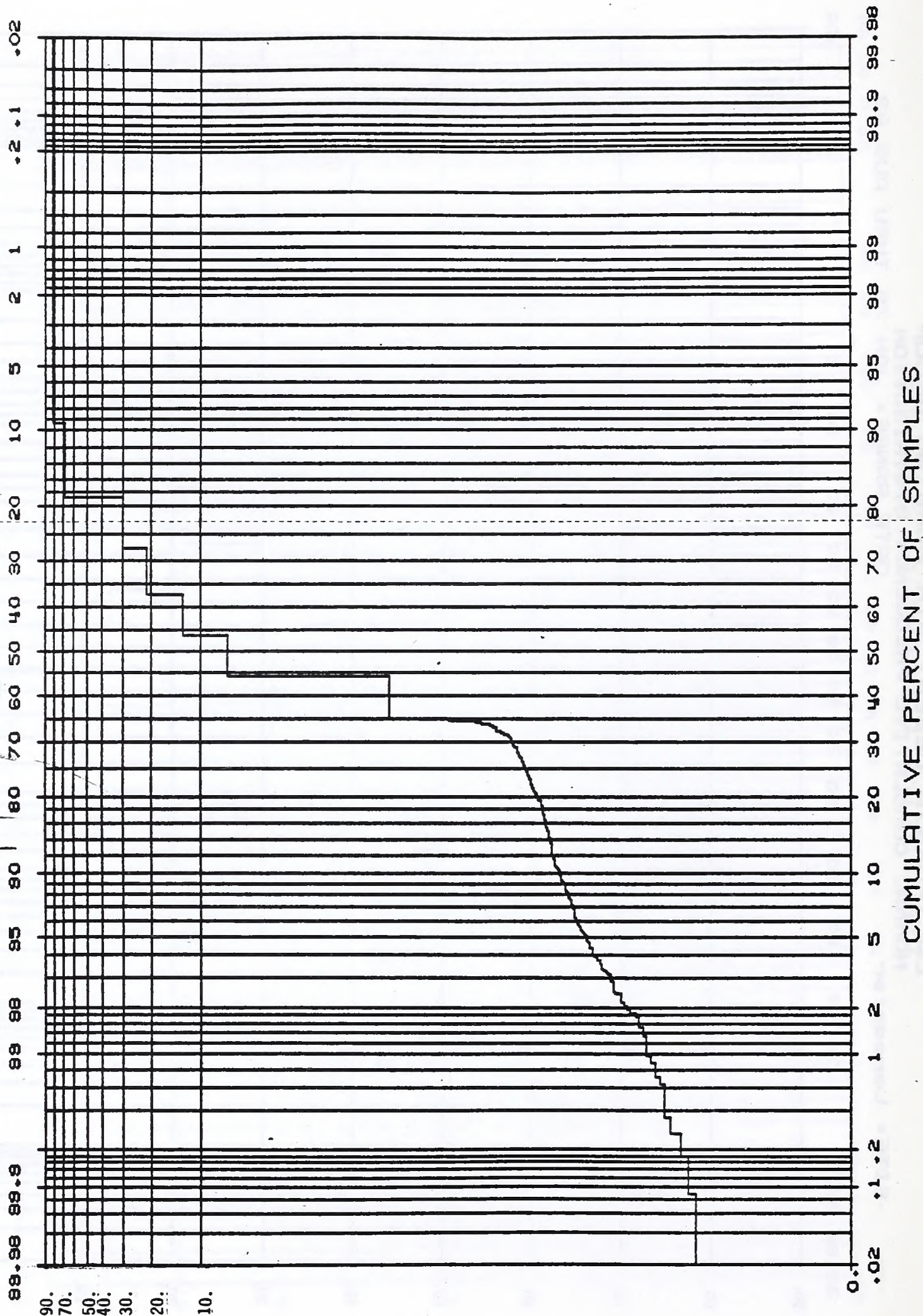


CUMULATIVE PERCENT OF SAMPLES

TSP IN ug/m3

CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: JAN 75 THRU AUG 83

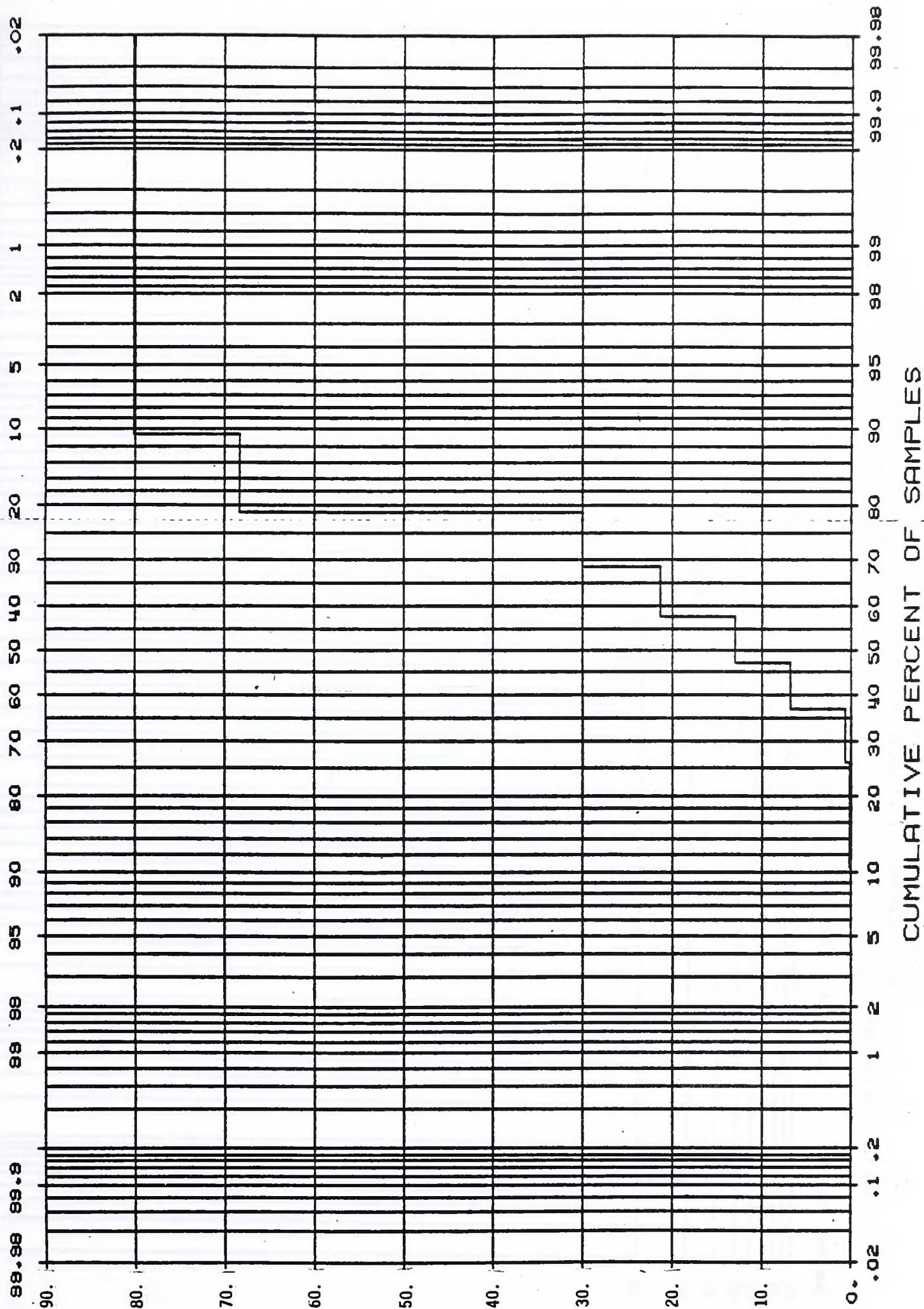
SITE: Lancaster



CALIFORNIA DESERT AIR WORKING GROUP NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: APR 72 THRU FEB 74

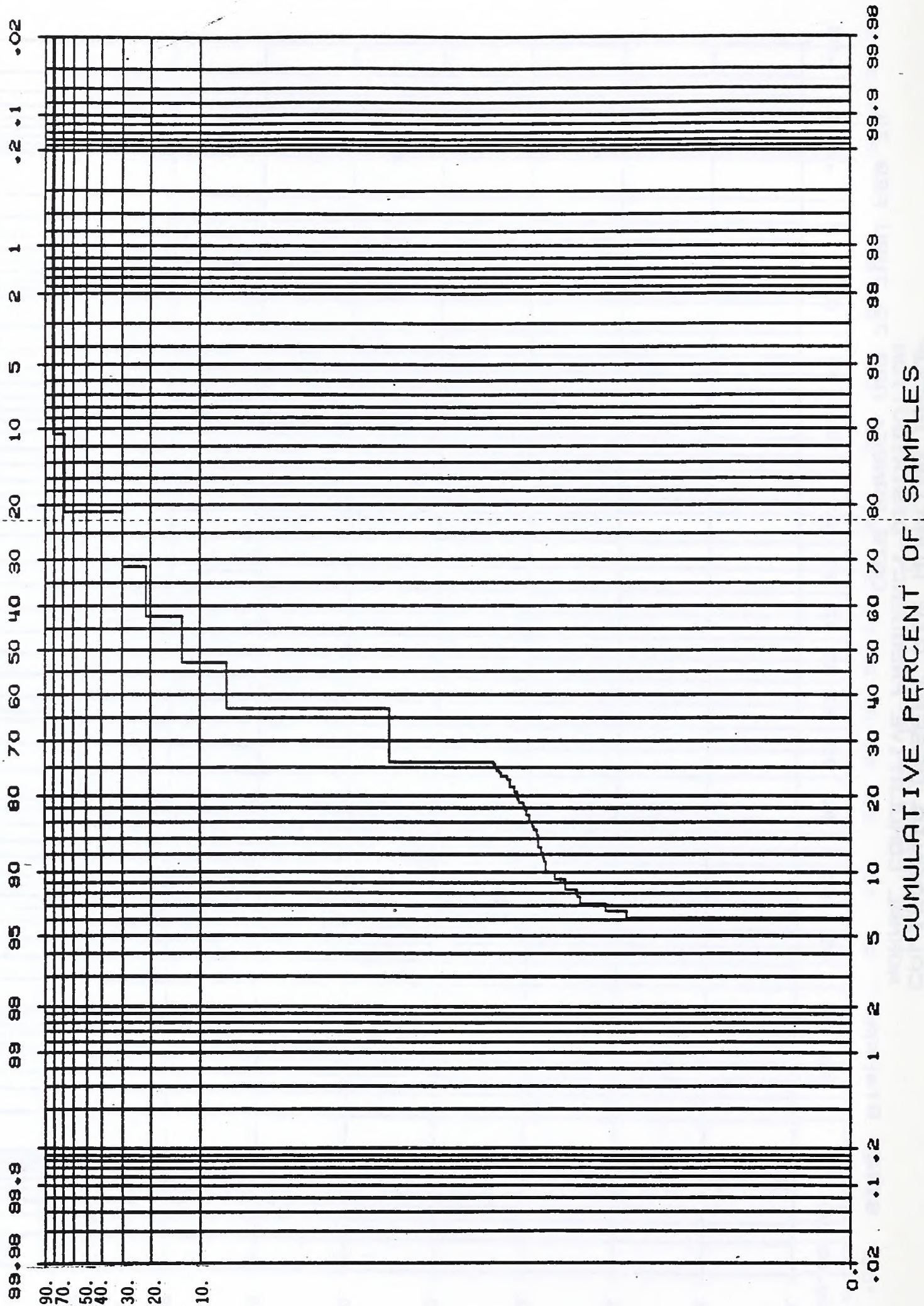
SITE: Bishop



TSP IN UG/32

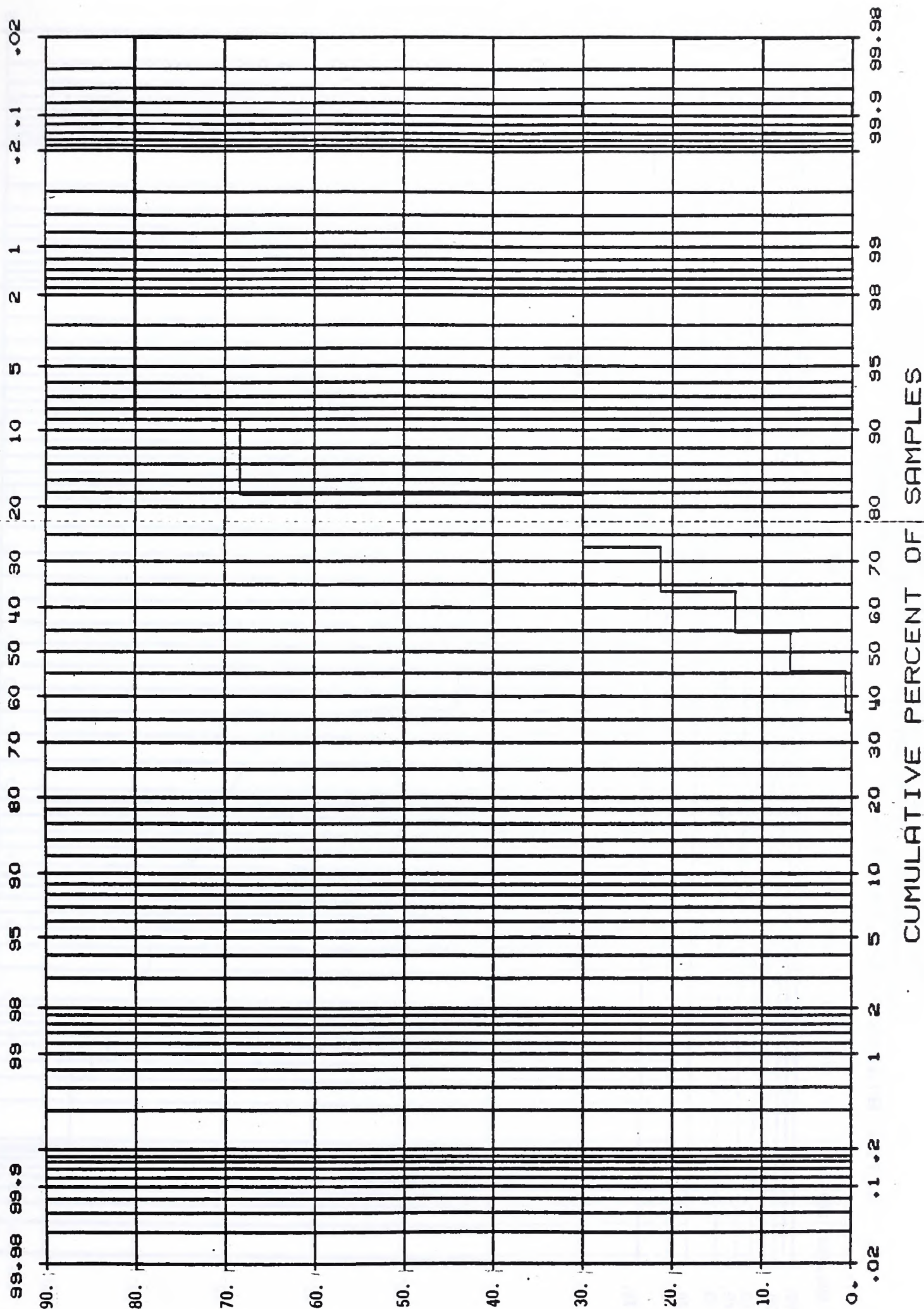
CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: APR 72 THRU FEB 74

SITE: Bishop



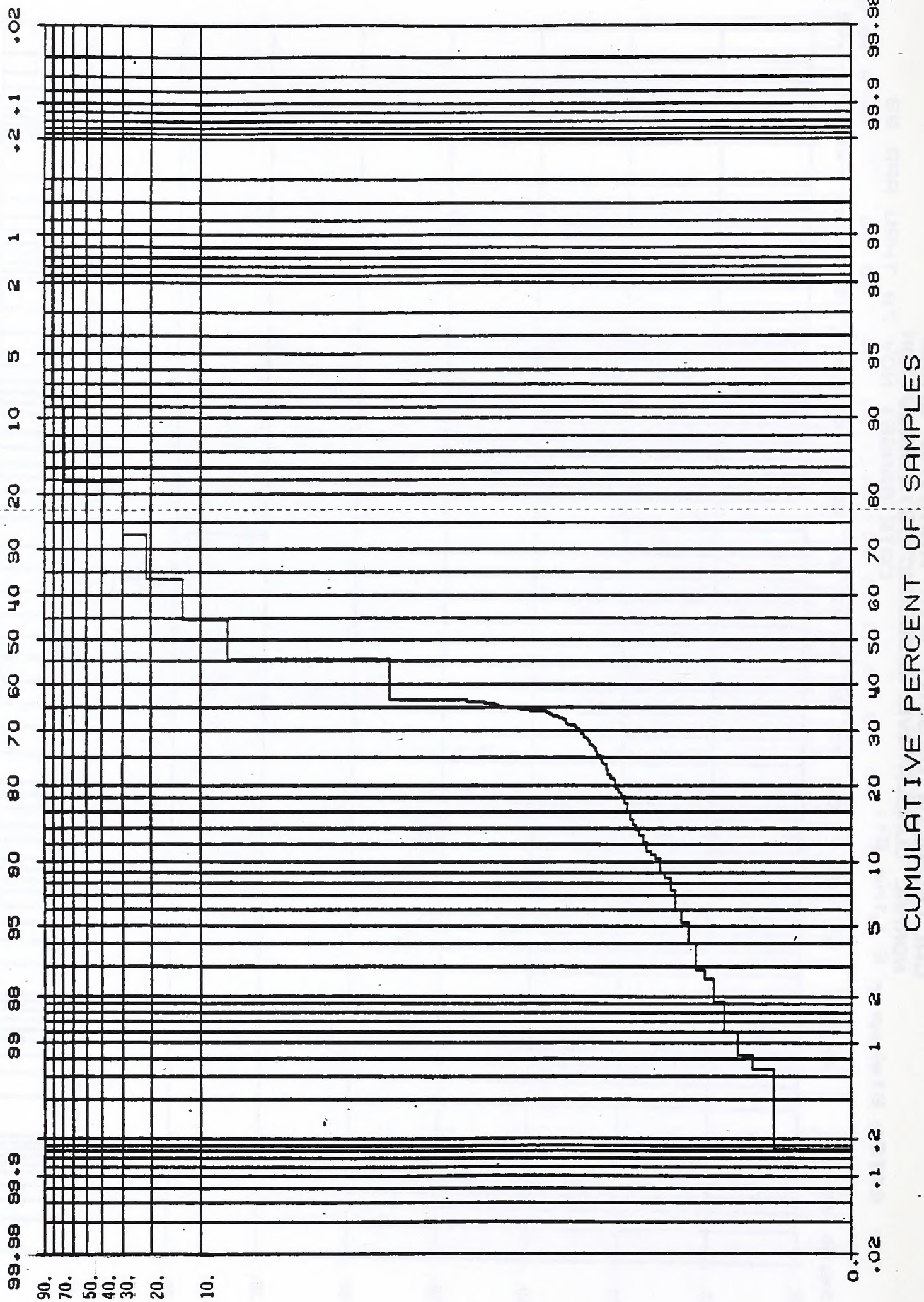
CALIFORNIA DESERT AIR WORKING GROUP NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

SITE: Bishop - E Line St. DATE RANGE: NOV 78 THRU APR 83



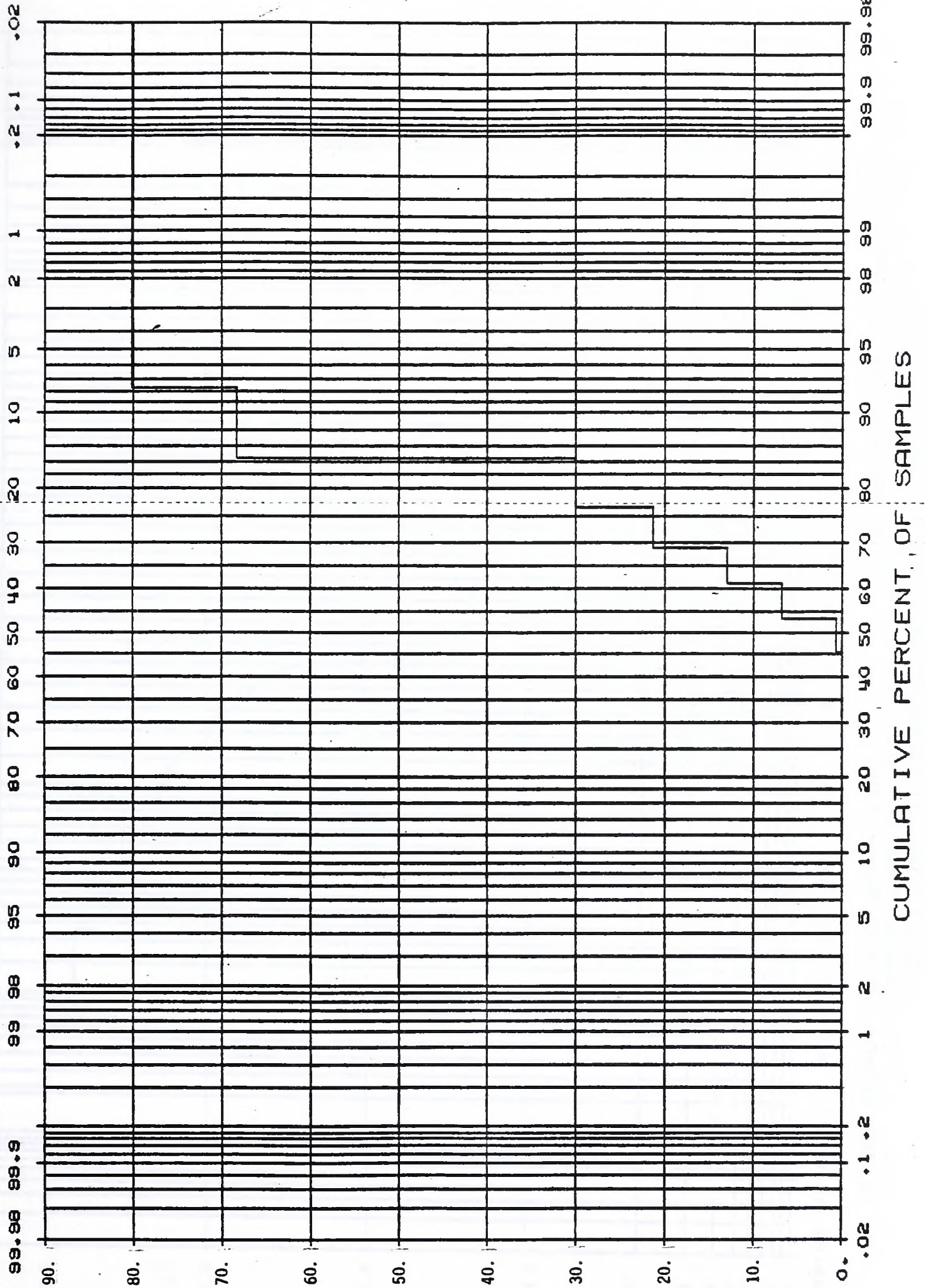
TSP IN $\mu\text{g}/\text{m}^3$

CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE: Bishop - E Line St. NOV 78 THRU APR 83

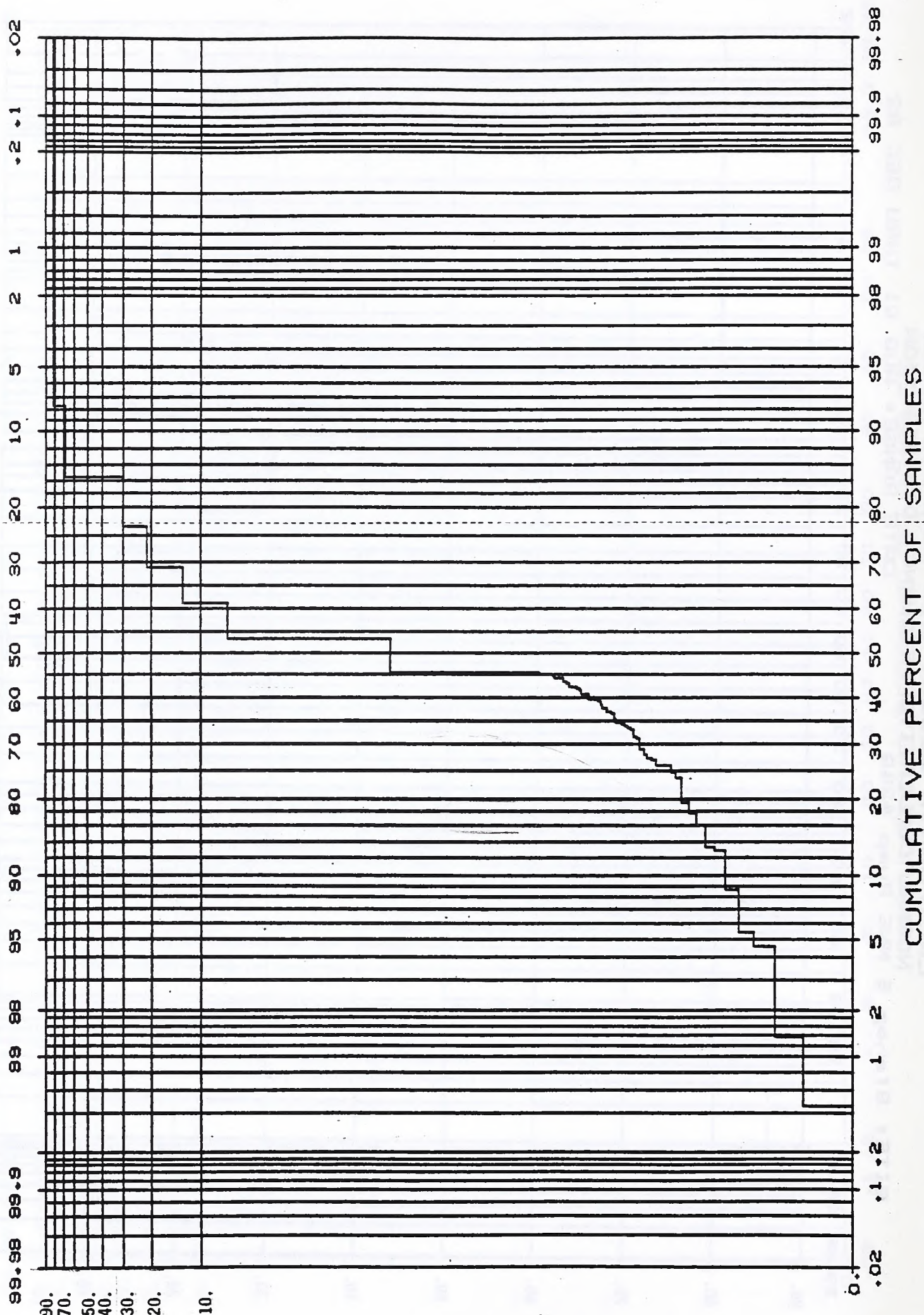


CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

SITE: Bishop 5 NNE Pump #248 DATE RANGE: AUG 81 THRU DEC 82



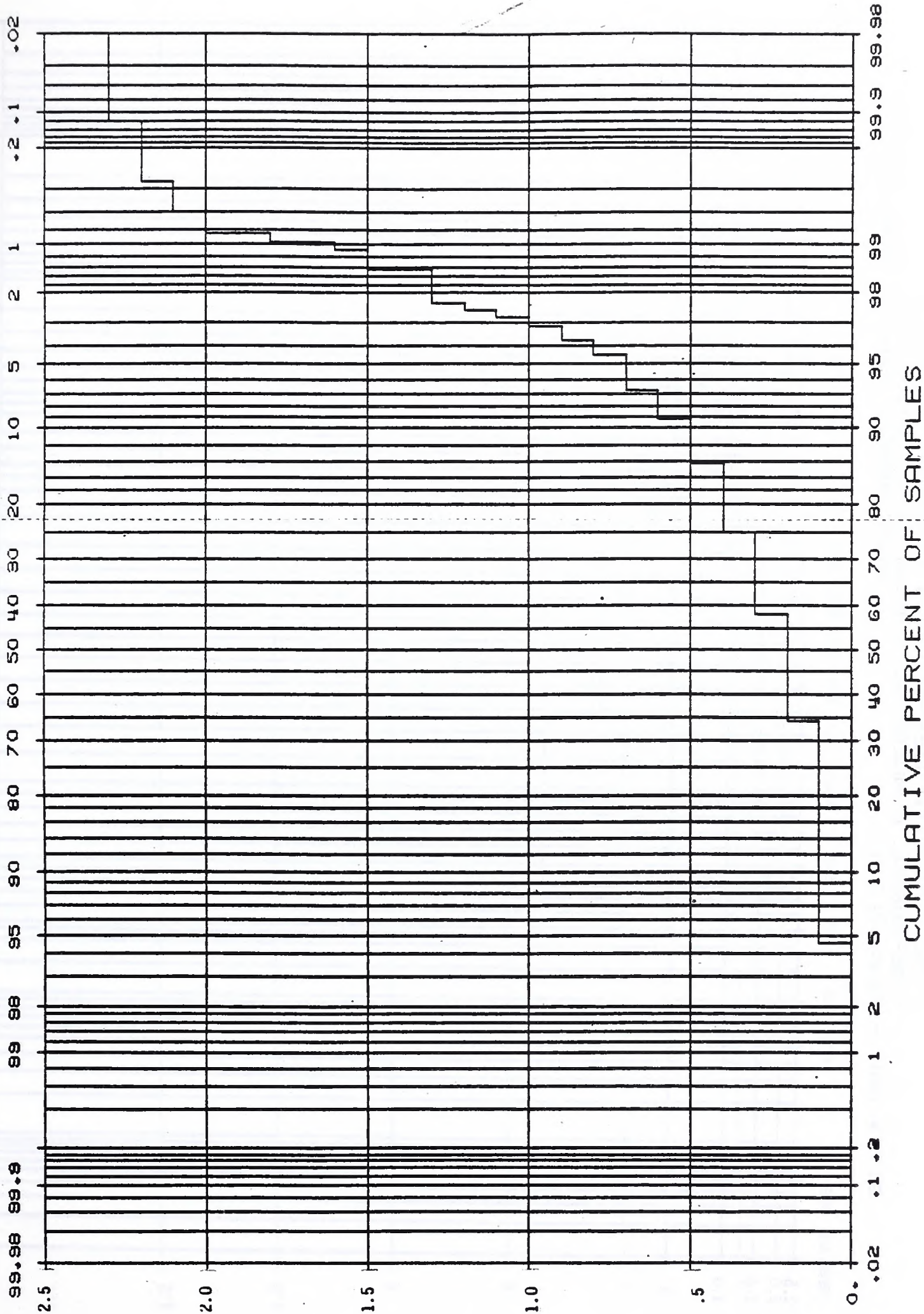
CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 SITE: Bishop 5 NNE Pump #248
 DATE RANGE: AUG 81 THRU DEC 82



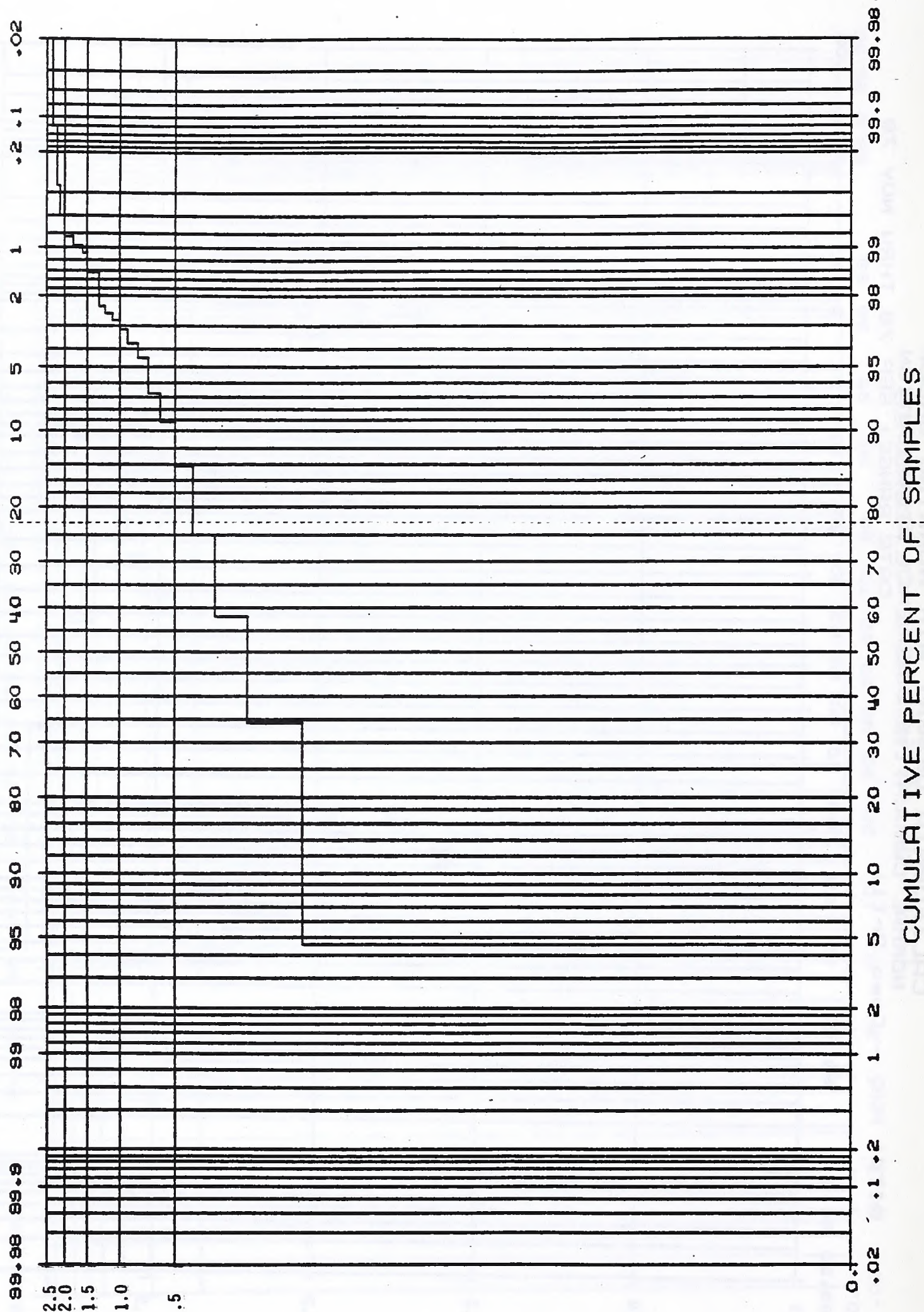
CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: SEP 78 THRU NOV 78

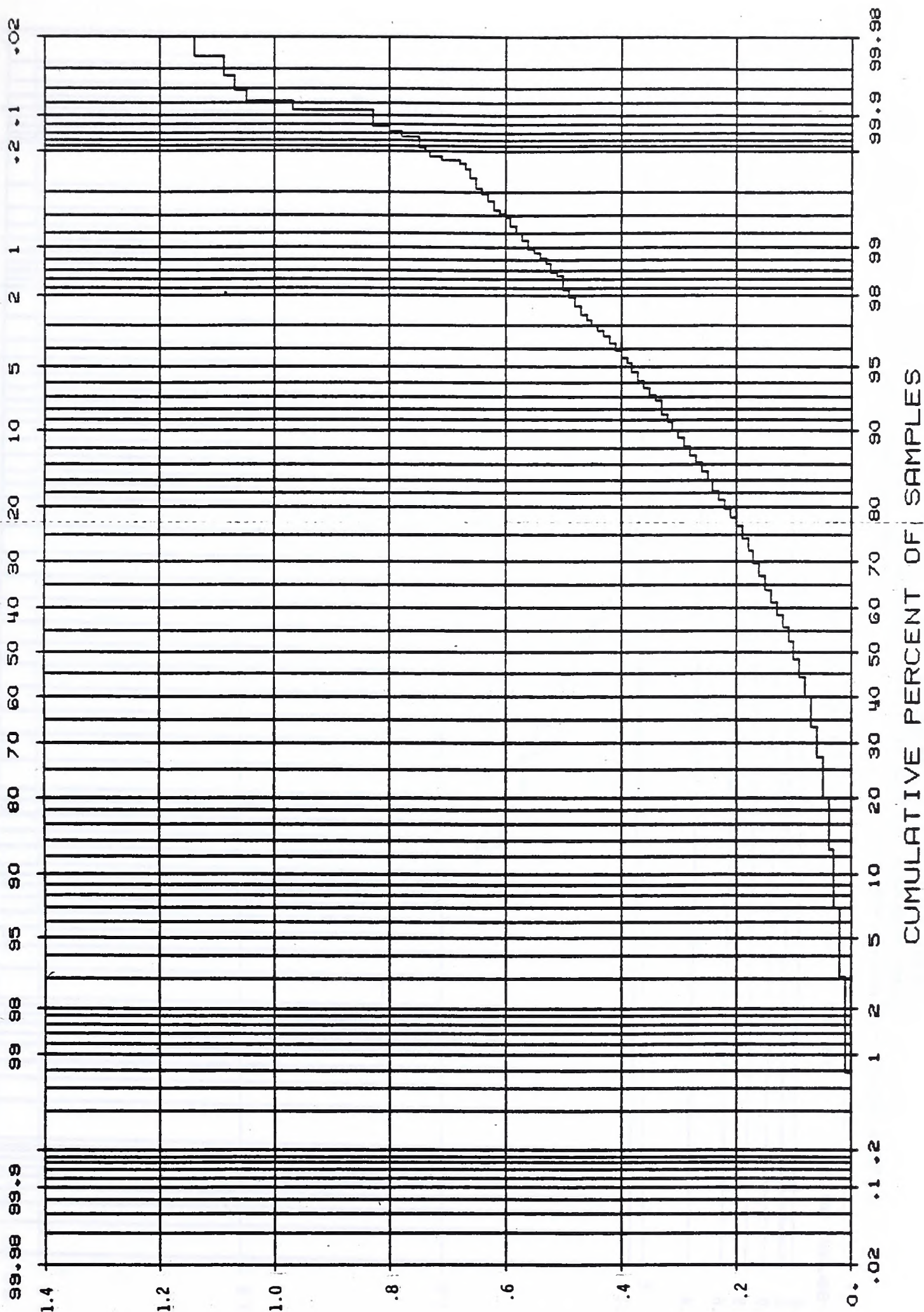
SITE: NWC - Coeo Drill



CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 SITE: NWC - C-66 Drill DATE RANGE: SEP 78 THRU NOV 78

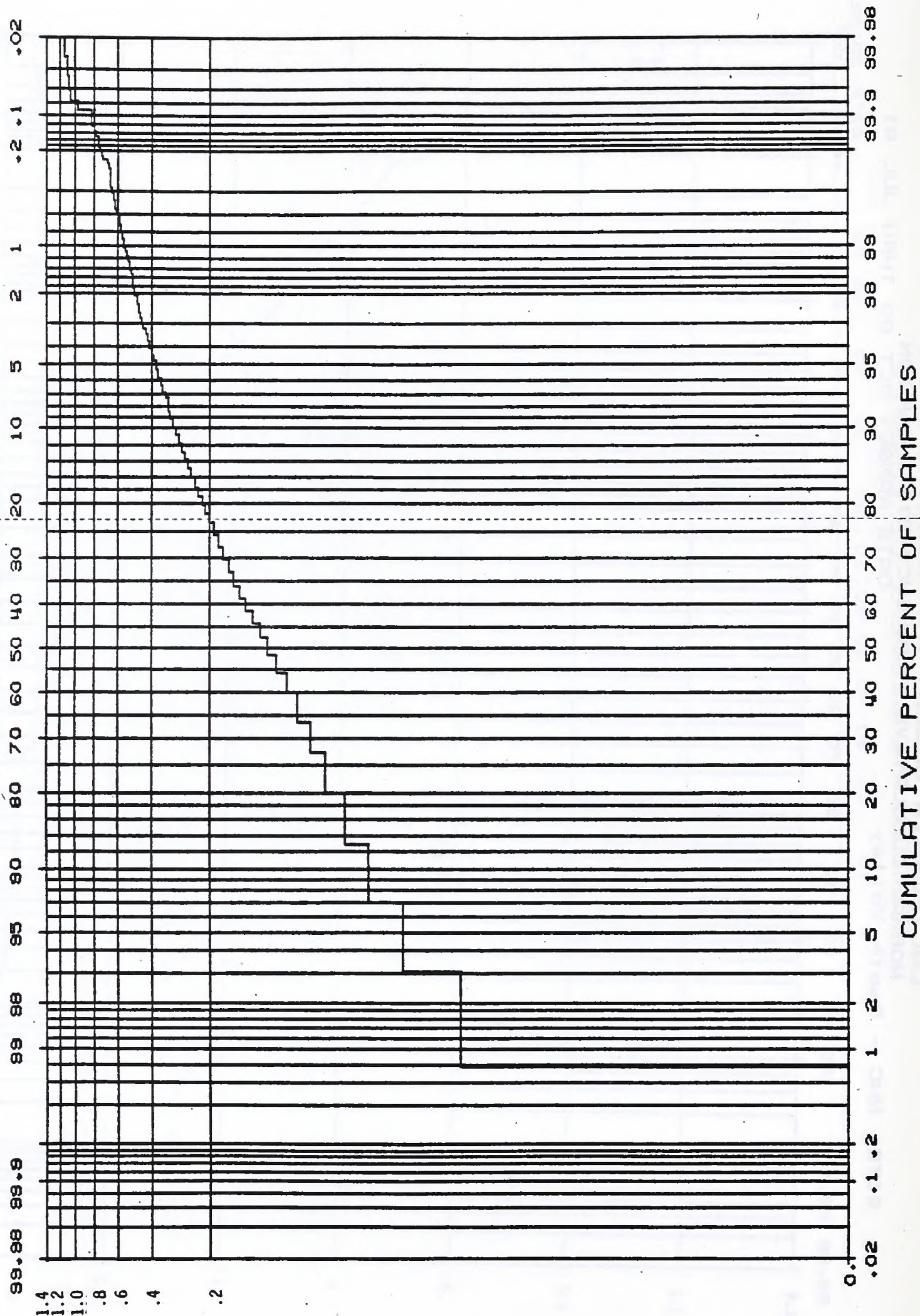


CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 SITE: NWC - Death Valley
 DATE RANGE: OCT 80 THRU JUL 81



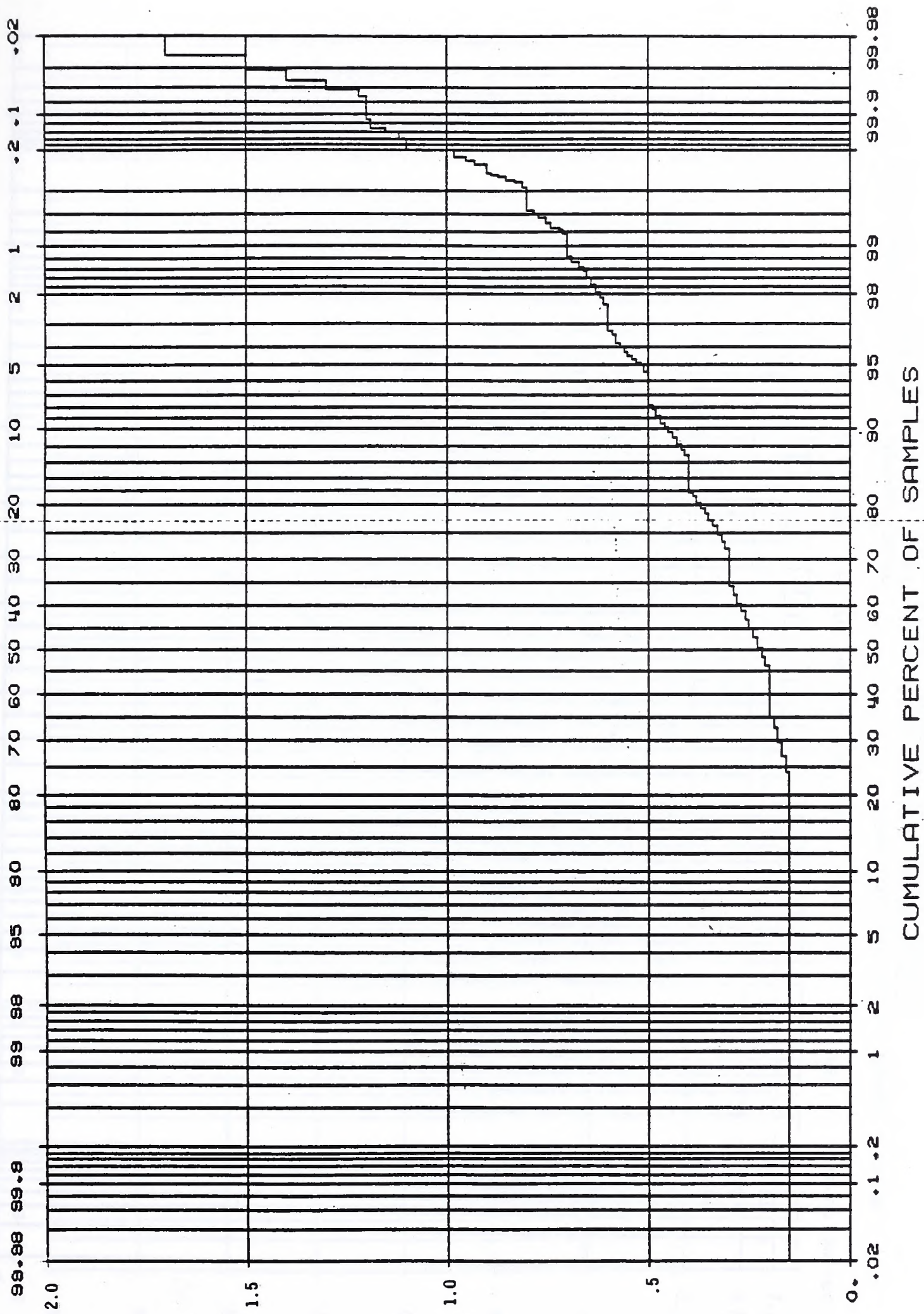
BSCT (10⁻⁴/m)

CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 SITE: NWC - Death Valley
 DATE RANGE: OCT 80 THRU JUL 81



CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: JUL 80 THRU SEP 81

SITE: ARMY - Death Valley

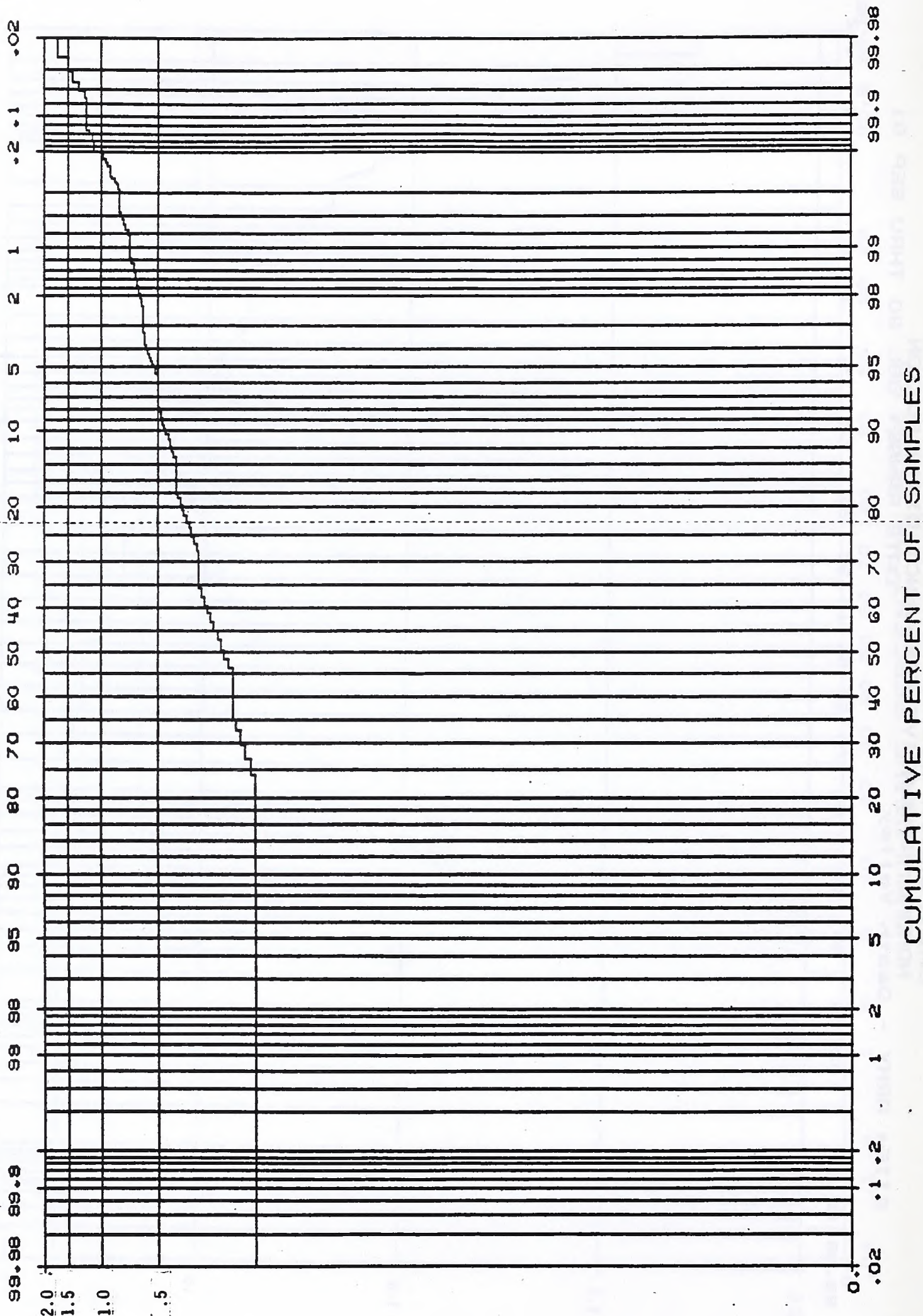


BSCT (10⁻⁴/m)

CALIFORNIA DESERT AIR WORKING GROUP

LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

SITE: ARMY - Death Valley DATE RANGE: JUL 80 THRU SEP 81

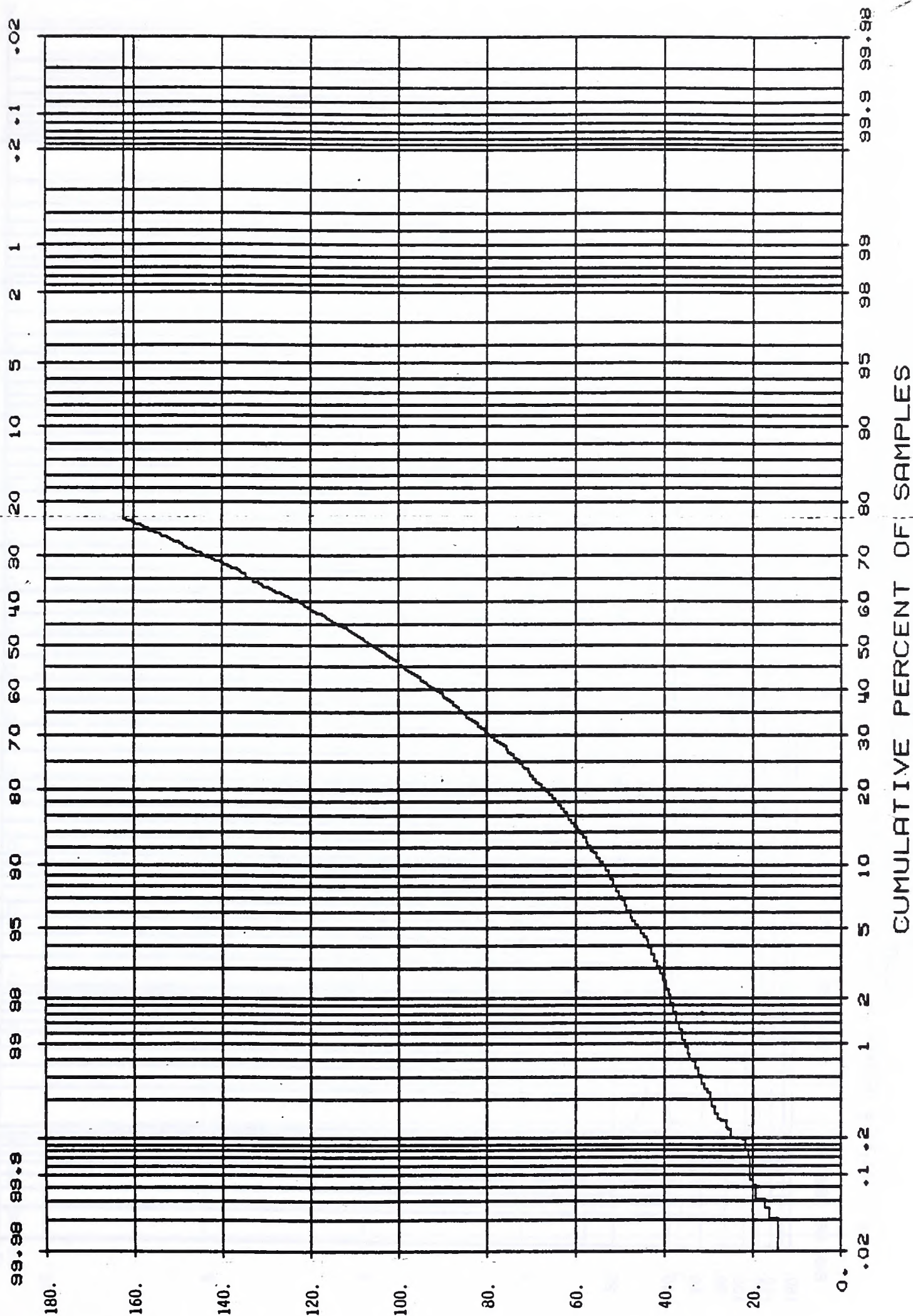


BSCF ($10^{-4}/m$)

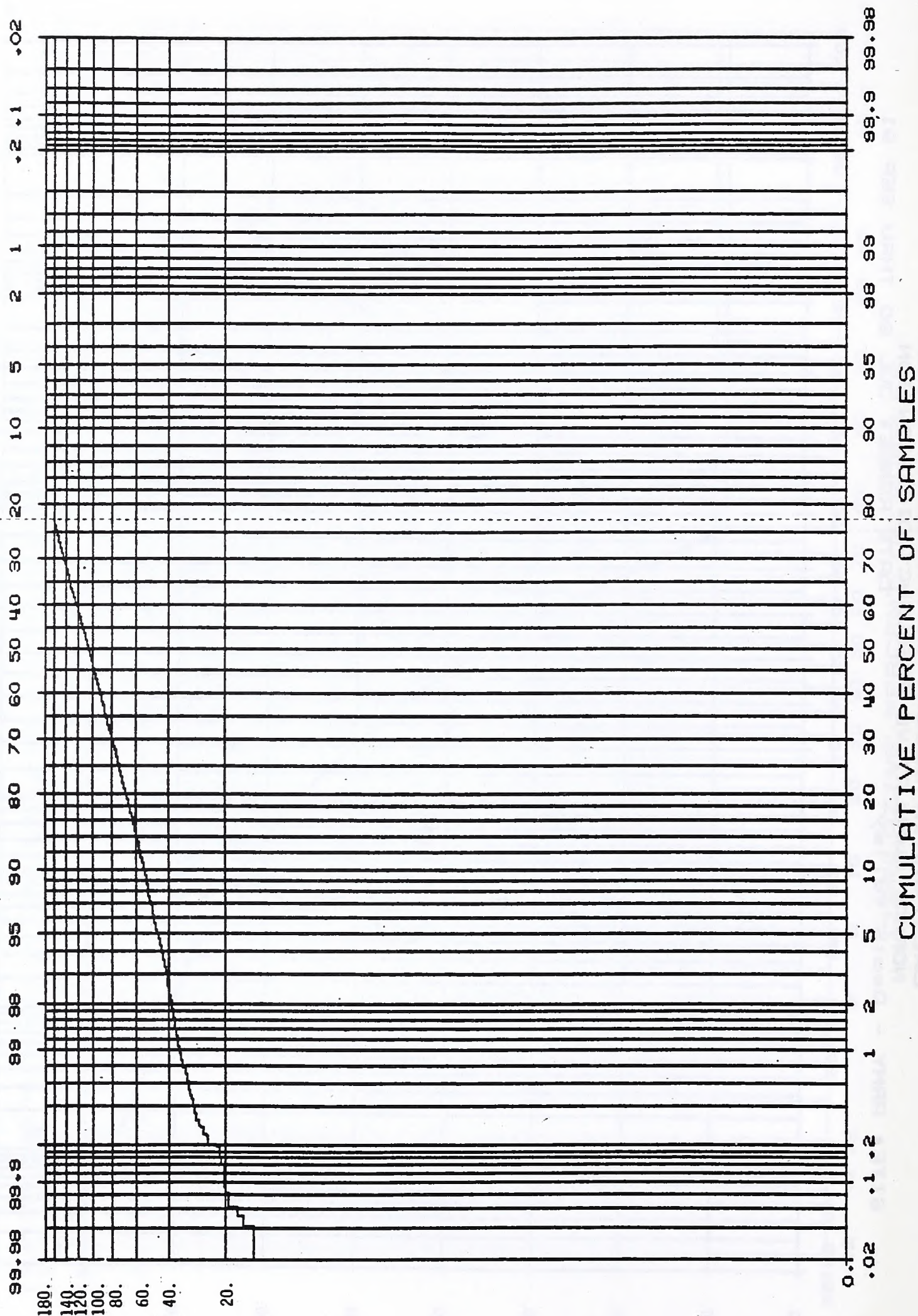
C-99

CALIFORNIA DESERT AIR WORKING GROUP NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

SITE: ARMY - Death Valley
 DATE RANGE: JUL 80 THRU SEP 81



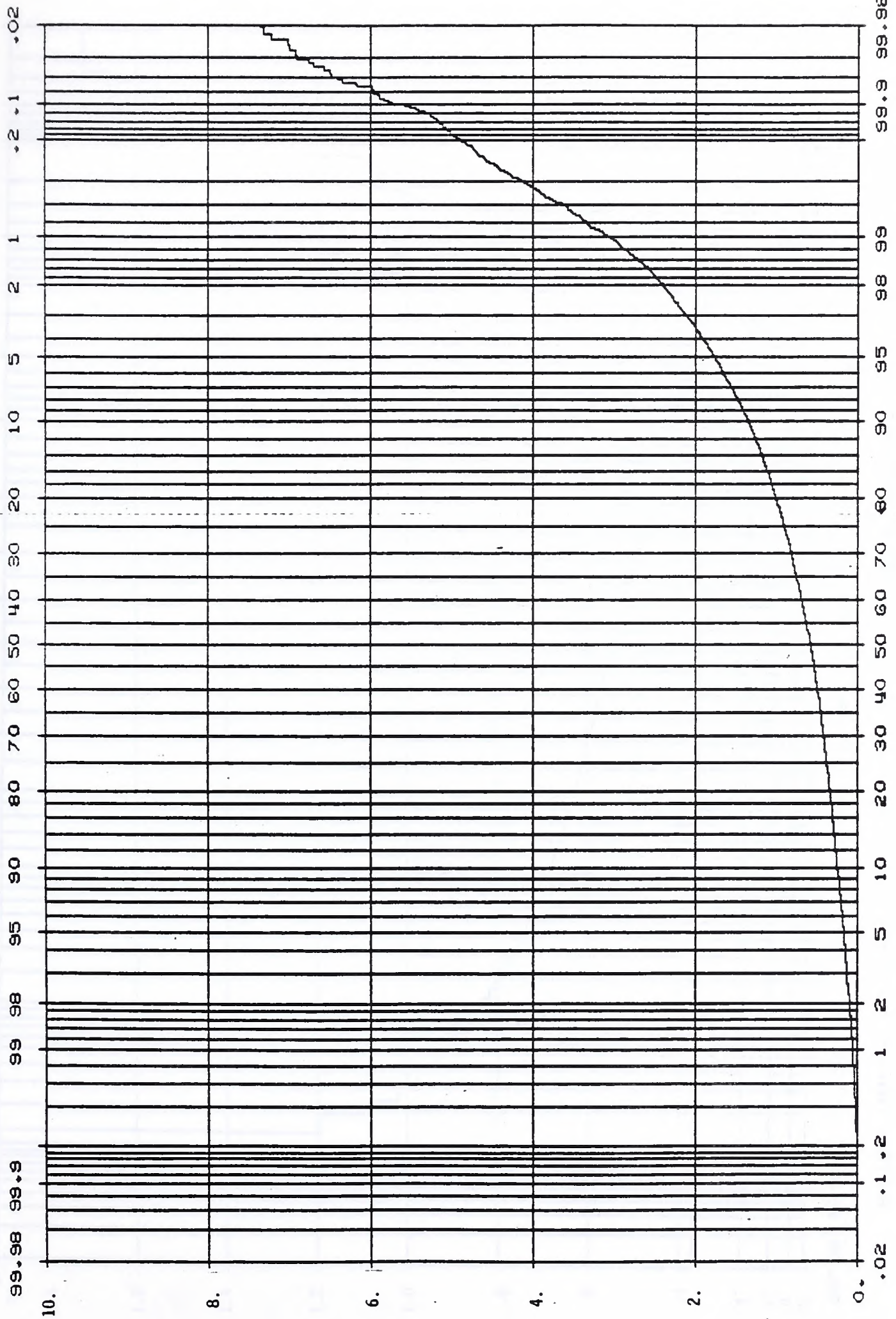
CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 SITE: ARMY - Death Valley
 DATE RANGE: JUL 80 THRU SEP 81



CALIFORNIA DESERT AIR WORKING GROUP
NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

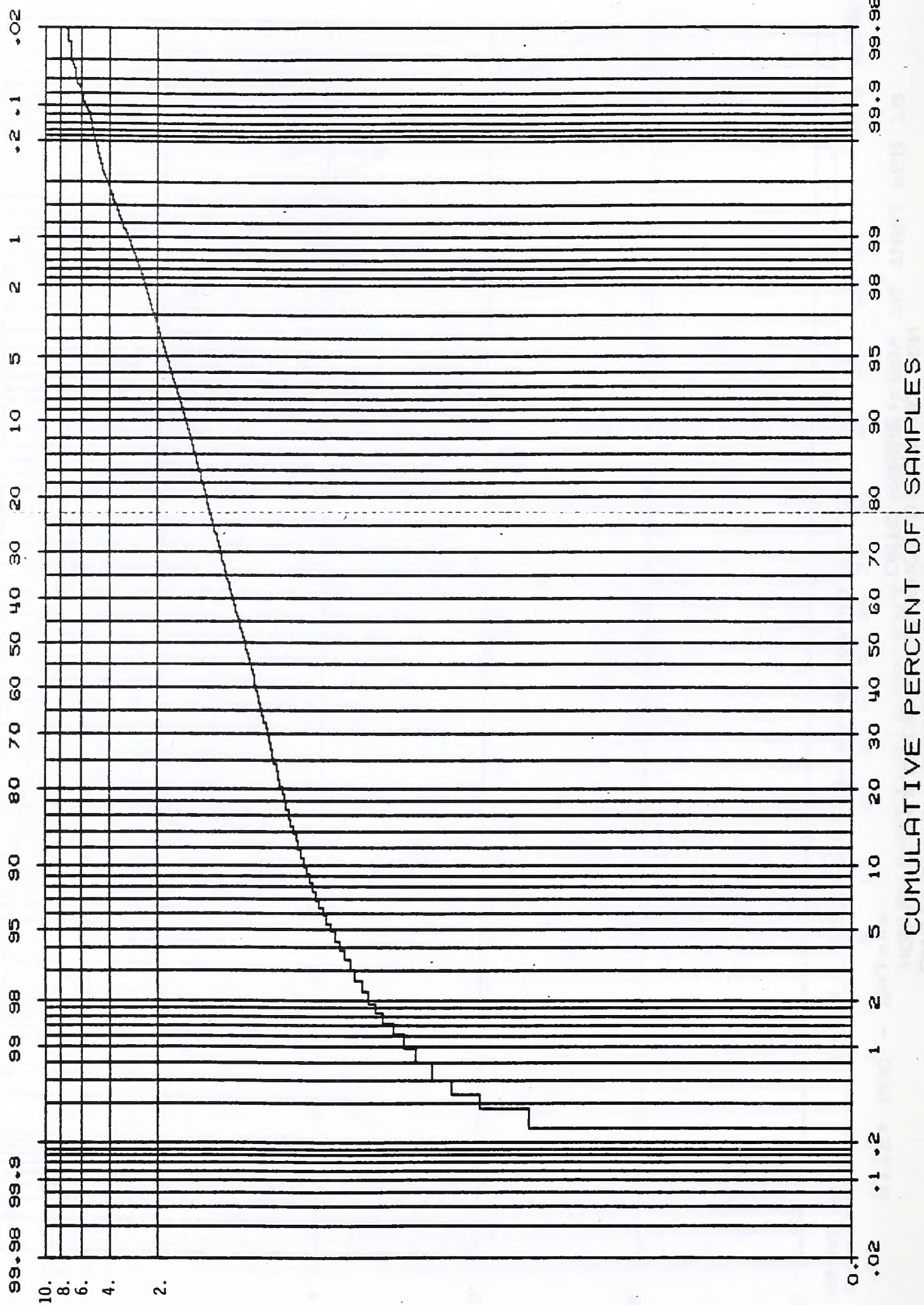
DATE RANGE: NOV 74 THRU FEB 79

SITE: NWC - Mojave



CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: NOV 74 THRU FEB 79

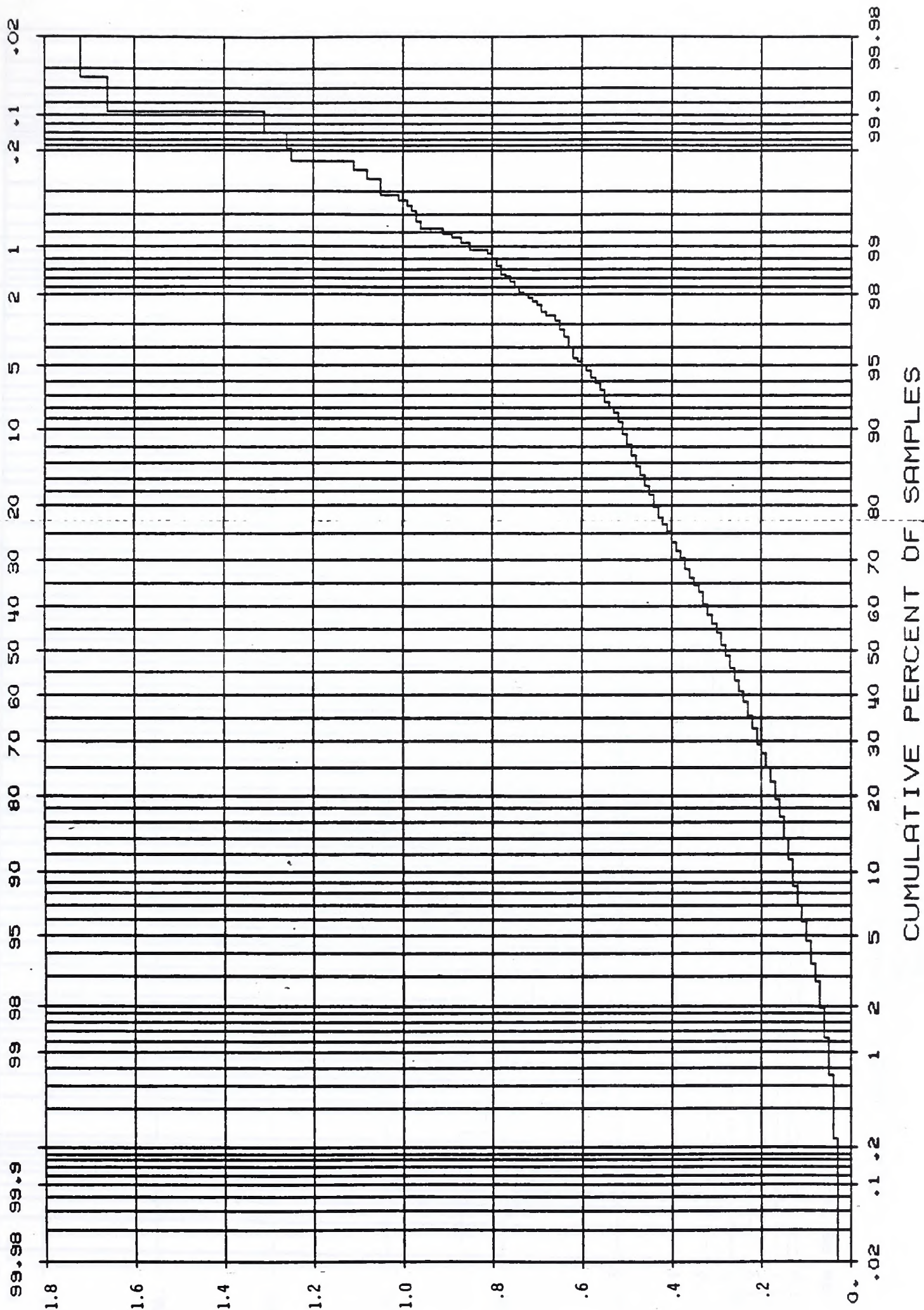
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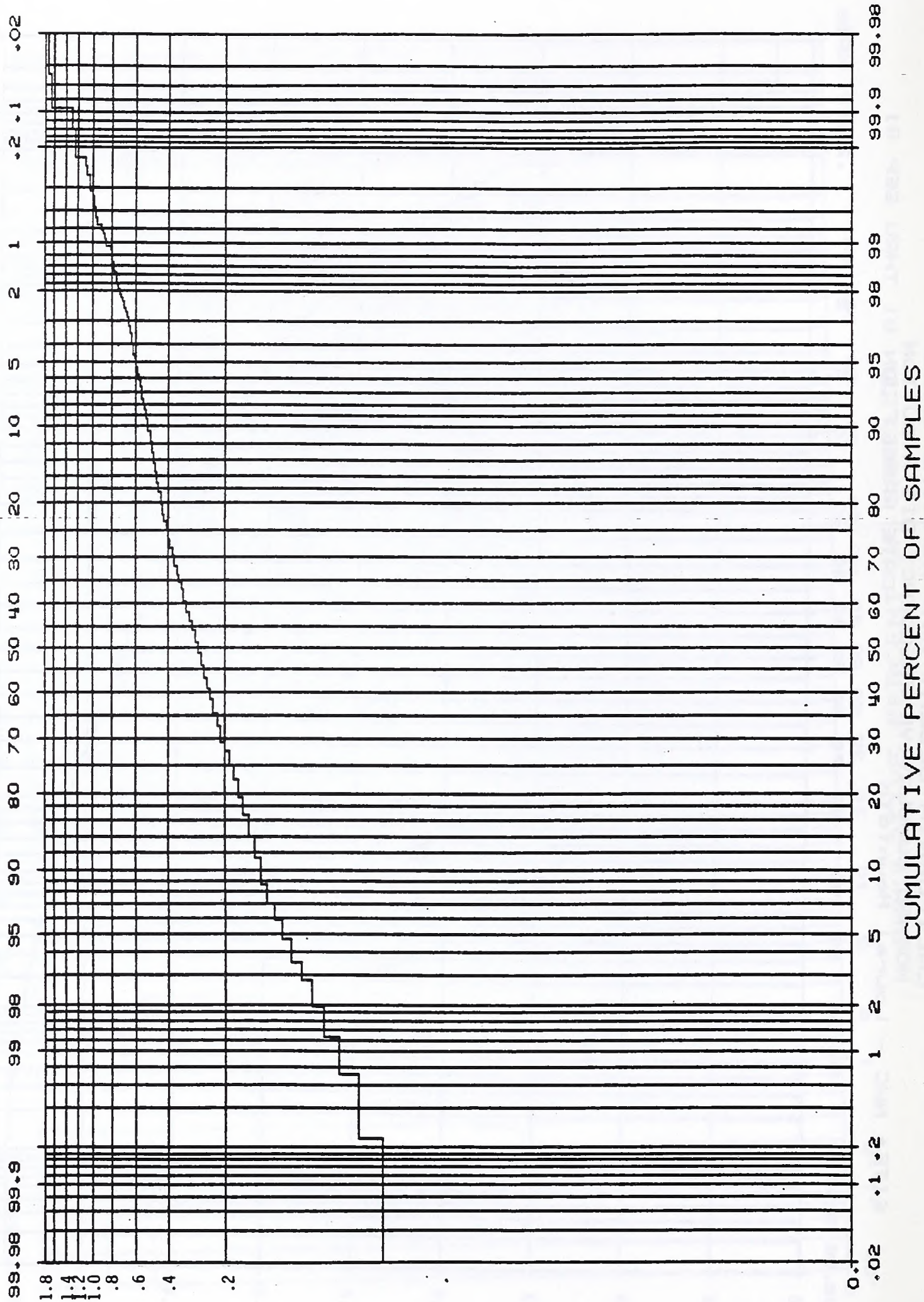
BSCT ($10^{-4}/m$)

CALIFORNIA DESERT AIR WORKING GROUP NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

SITE: NWC - Laurel Mountain DATE RANGE: JUN 81 THRU SEP 81

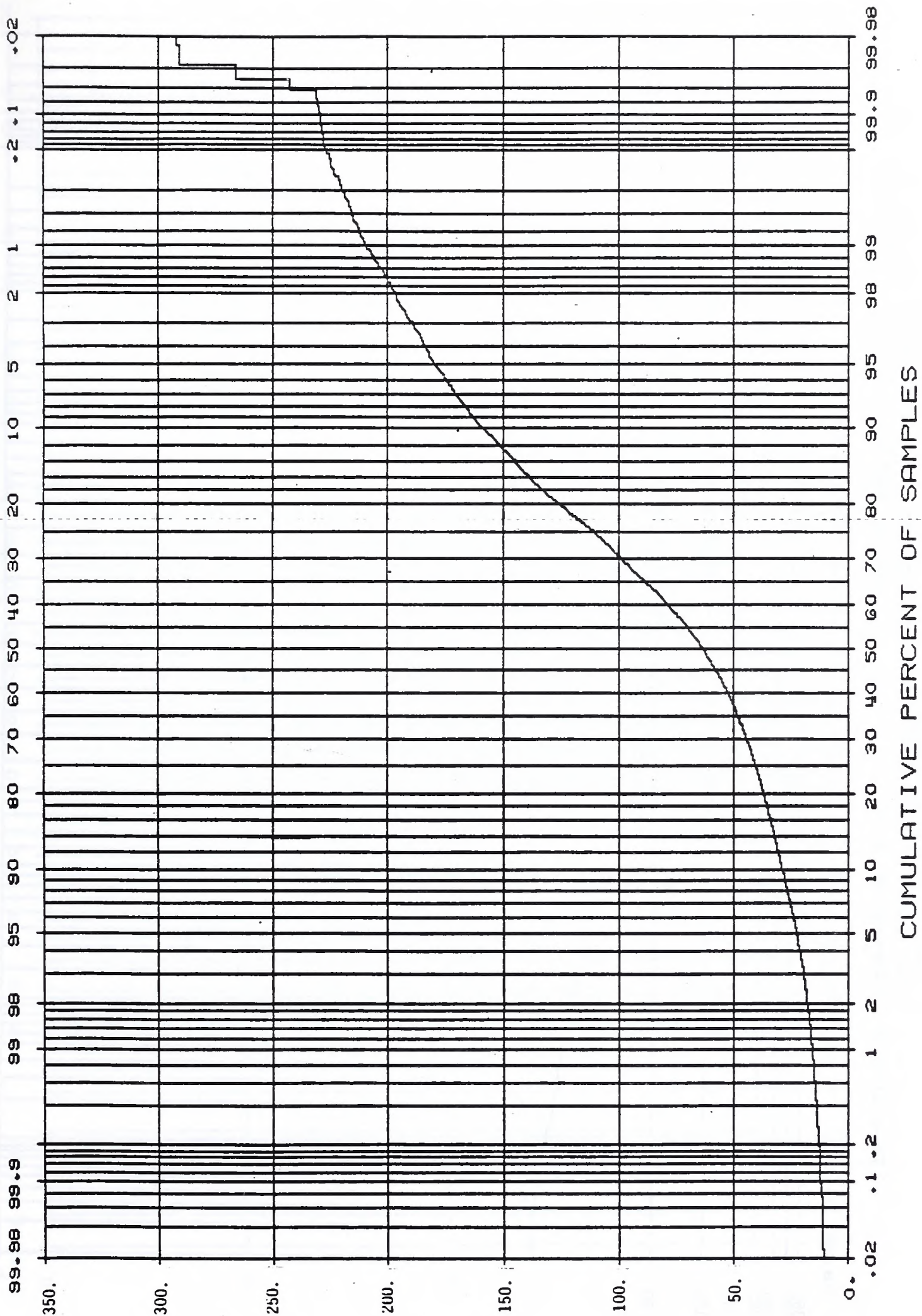


CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 SITE: NWC - Laurel Mountain
 DATE RANGE: JUN 81 THRU SEP 81

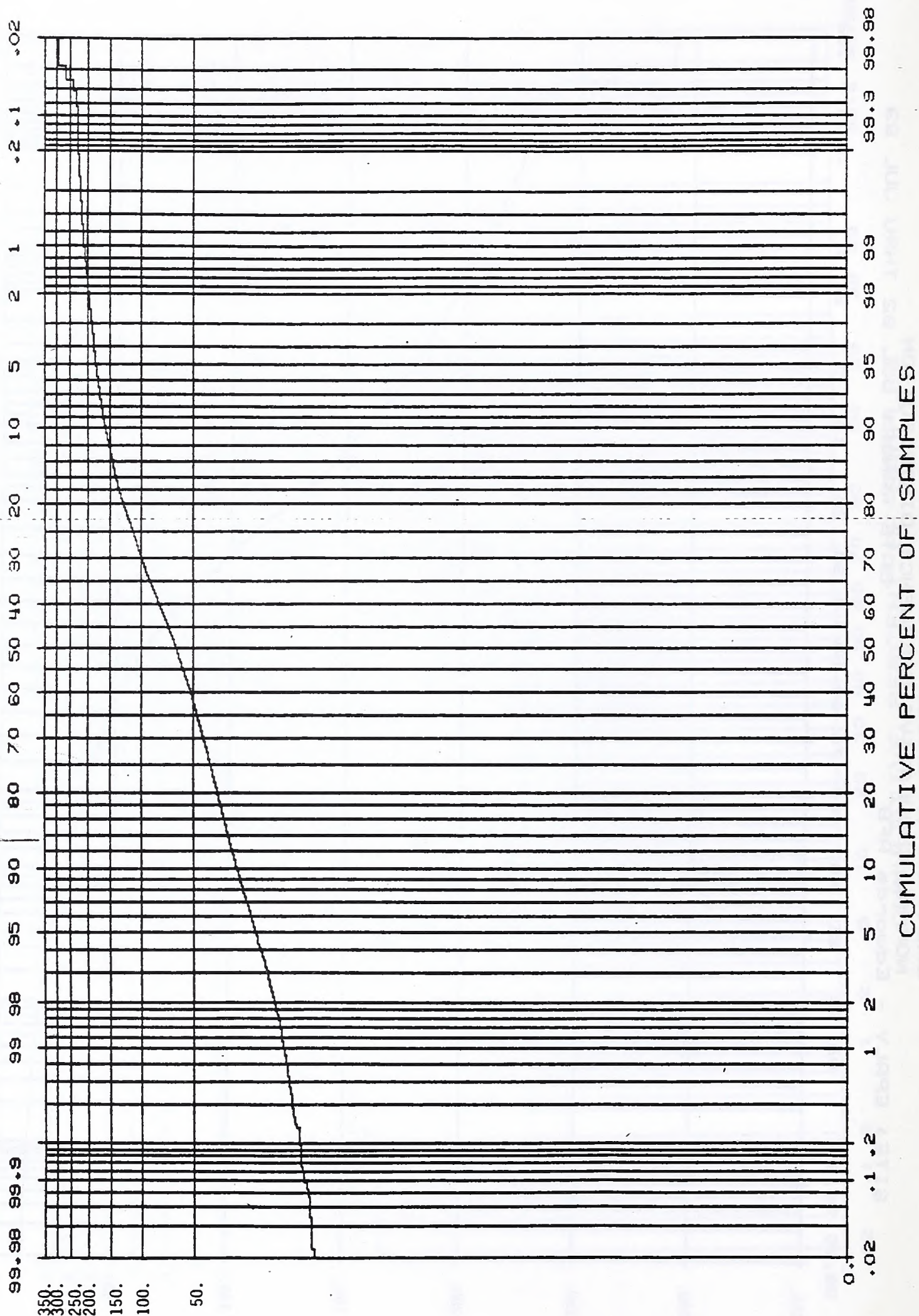


CALIFORNIA DESERT AIR WORKING GROUP NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

SITE: EPALV - Edwards AFB DATE RANGE: JUL 82 THRU JUL 83



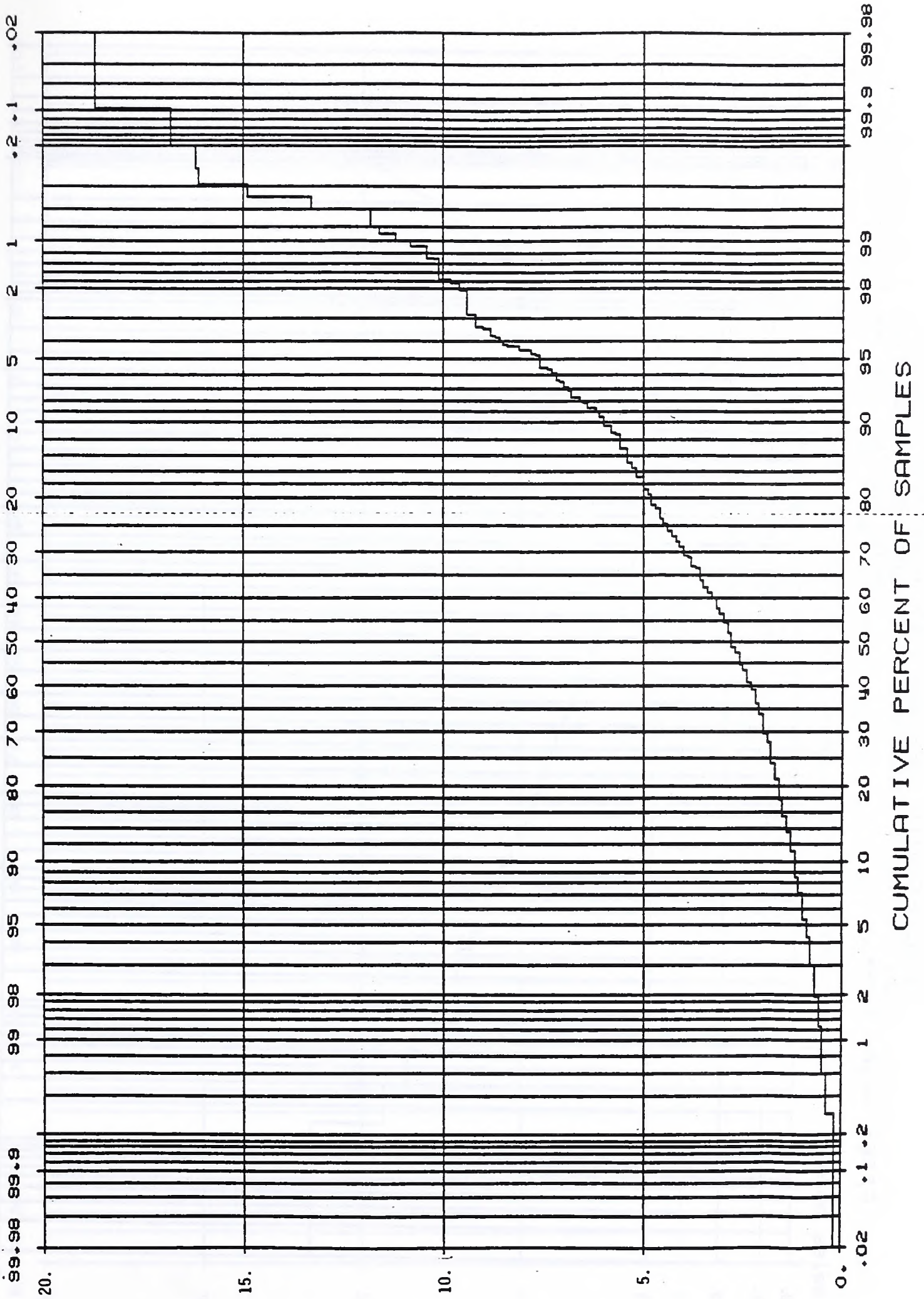
CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: JUL 82 THRU JUL 83
 SITE: EPALV - Edwards AFB



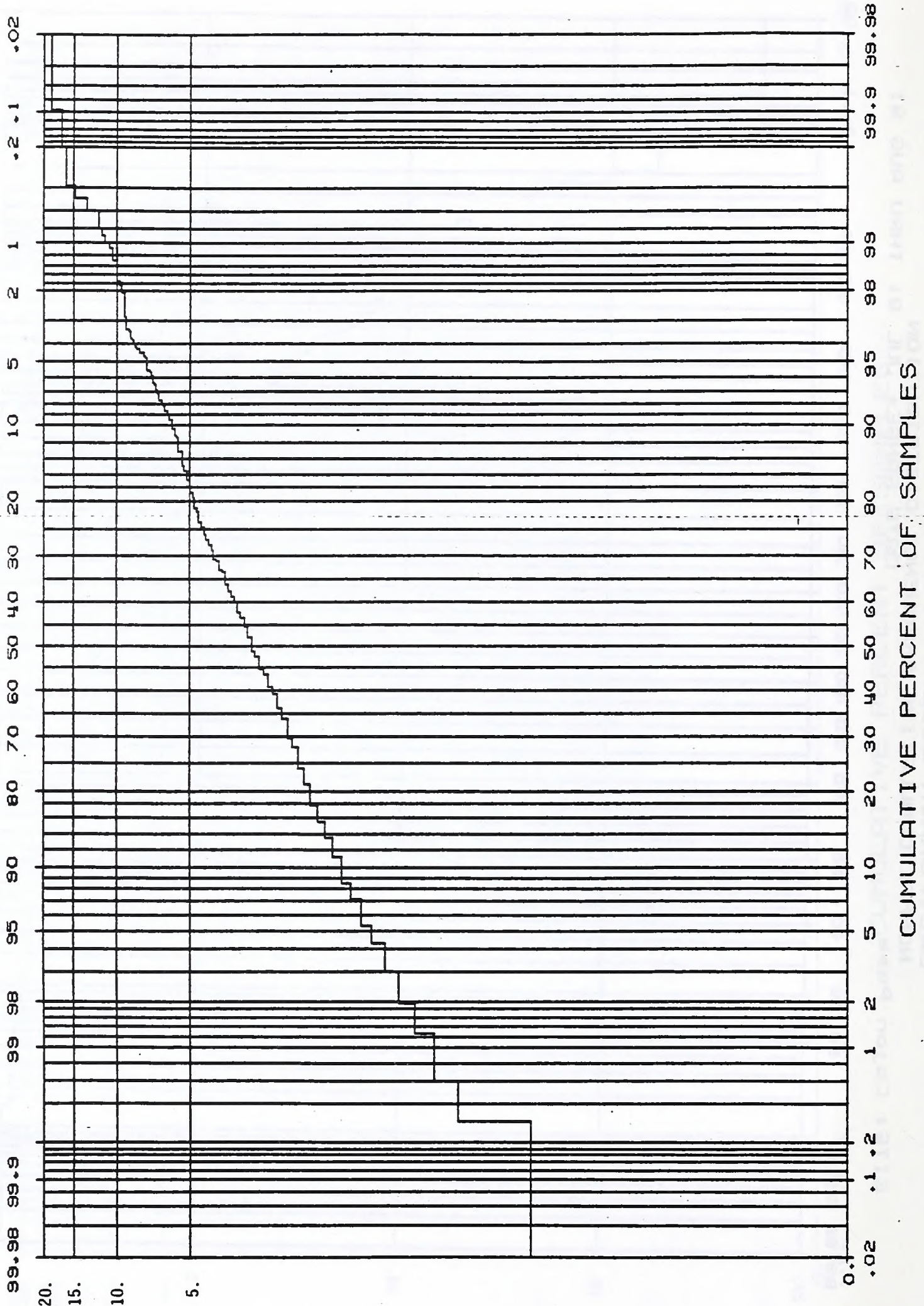
CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

SITE: Cajon Pass

DATE RANGE: JUL 81 THRU AUG 81



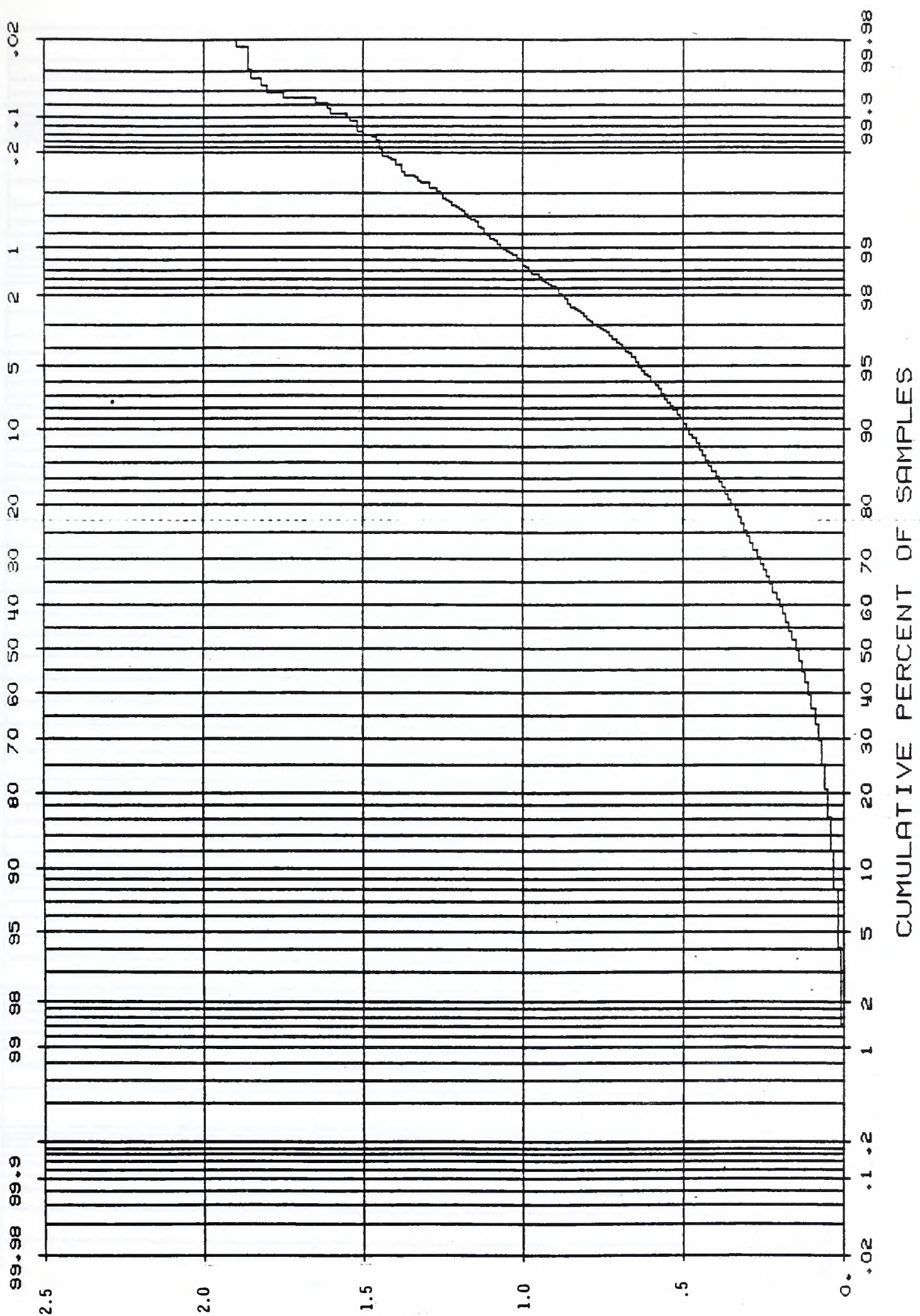
CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: JUL 81 THRU AUG 81
 SITE: Cajon Pass



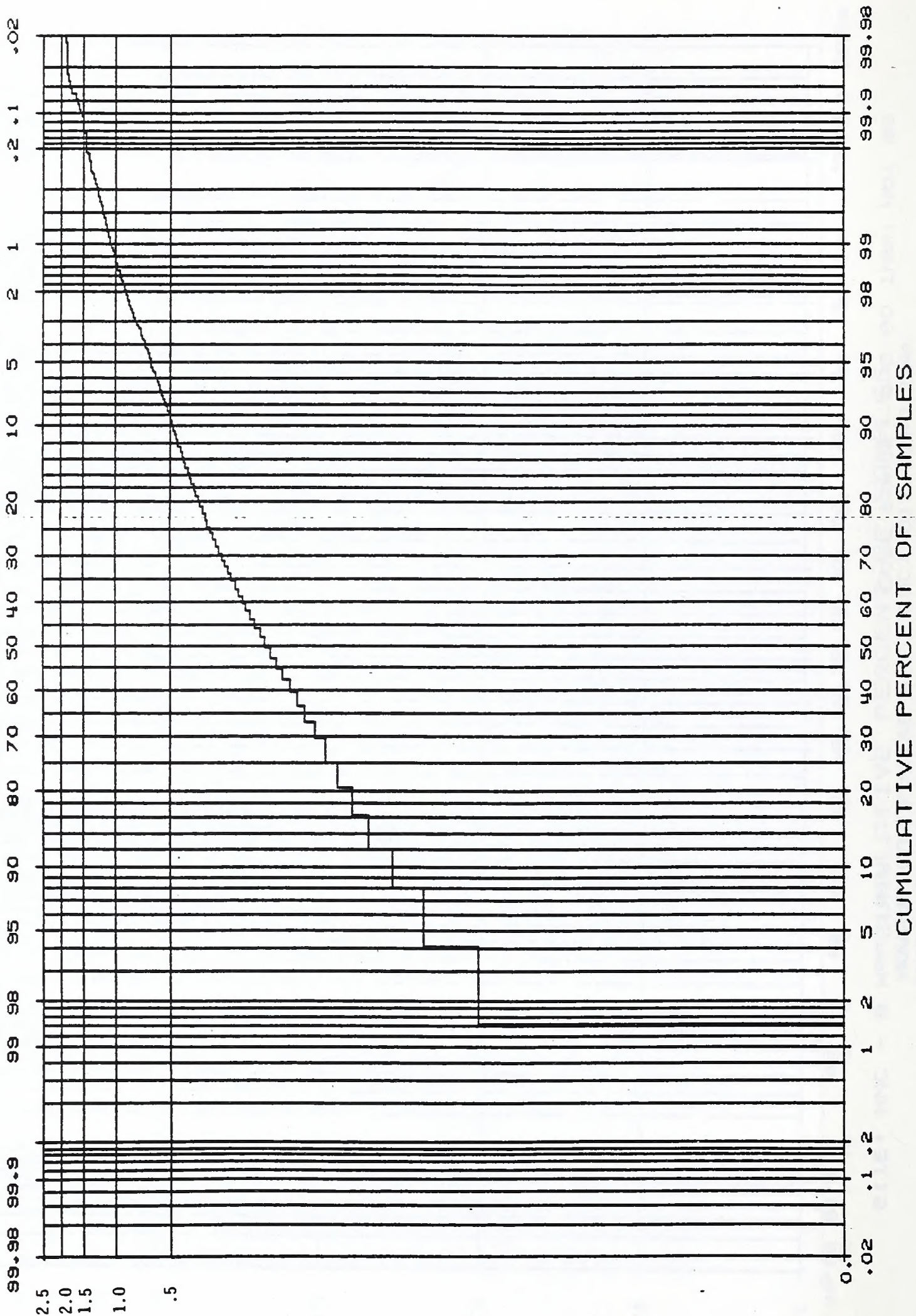
CALIFORNIA DESERT AIR WORKING GROUP
NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: AUG 80 THRU MAY 82

SITE: NWC - B Mountain



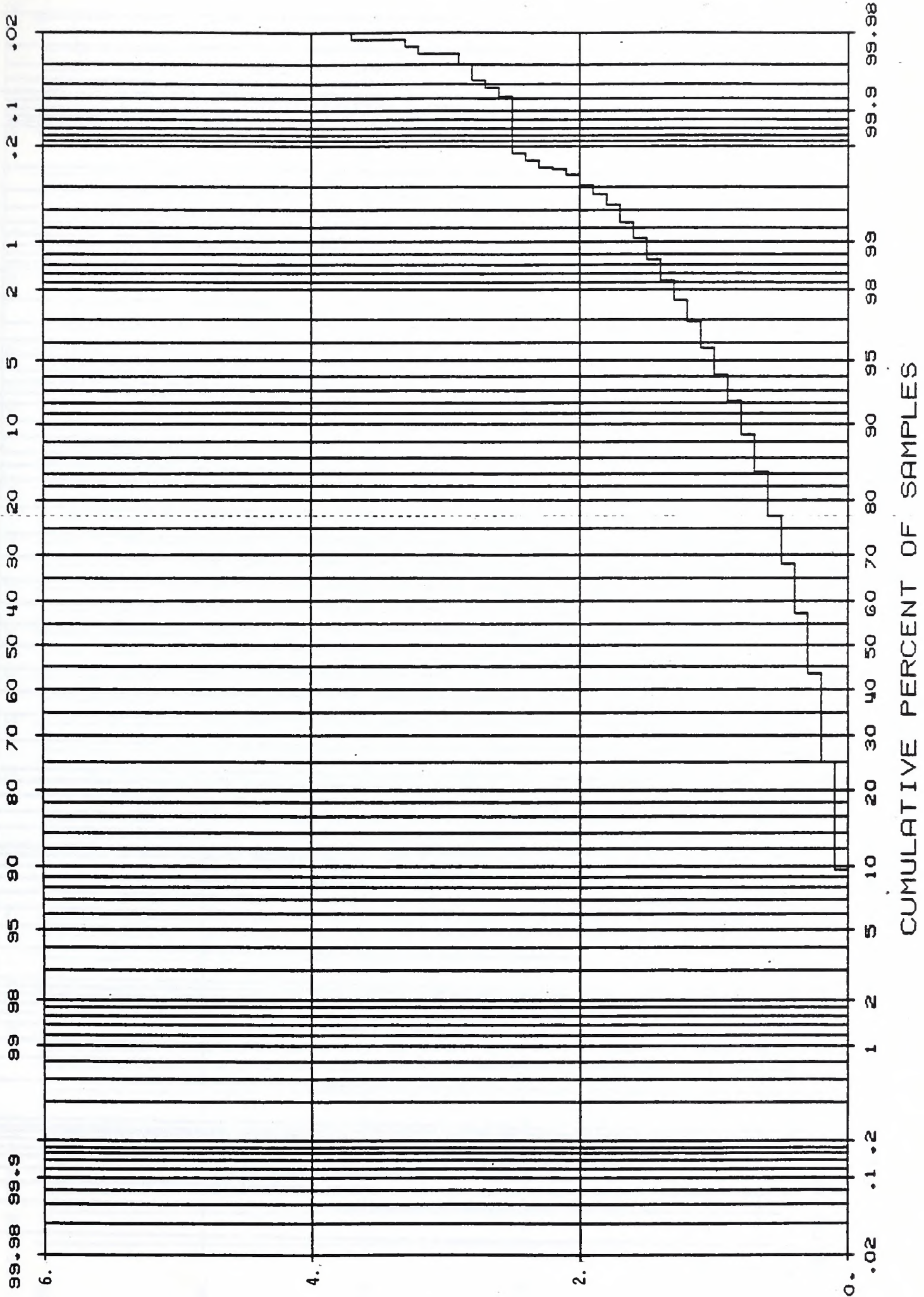
CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: AUG 80 THRU MAY 82



BSCT ($10^{-4}/m$)

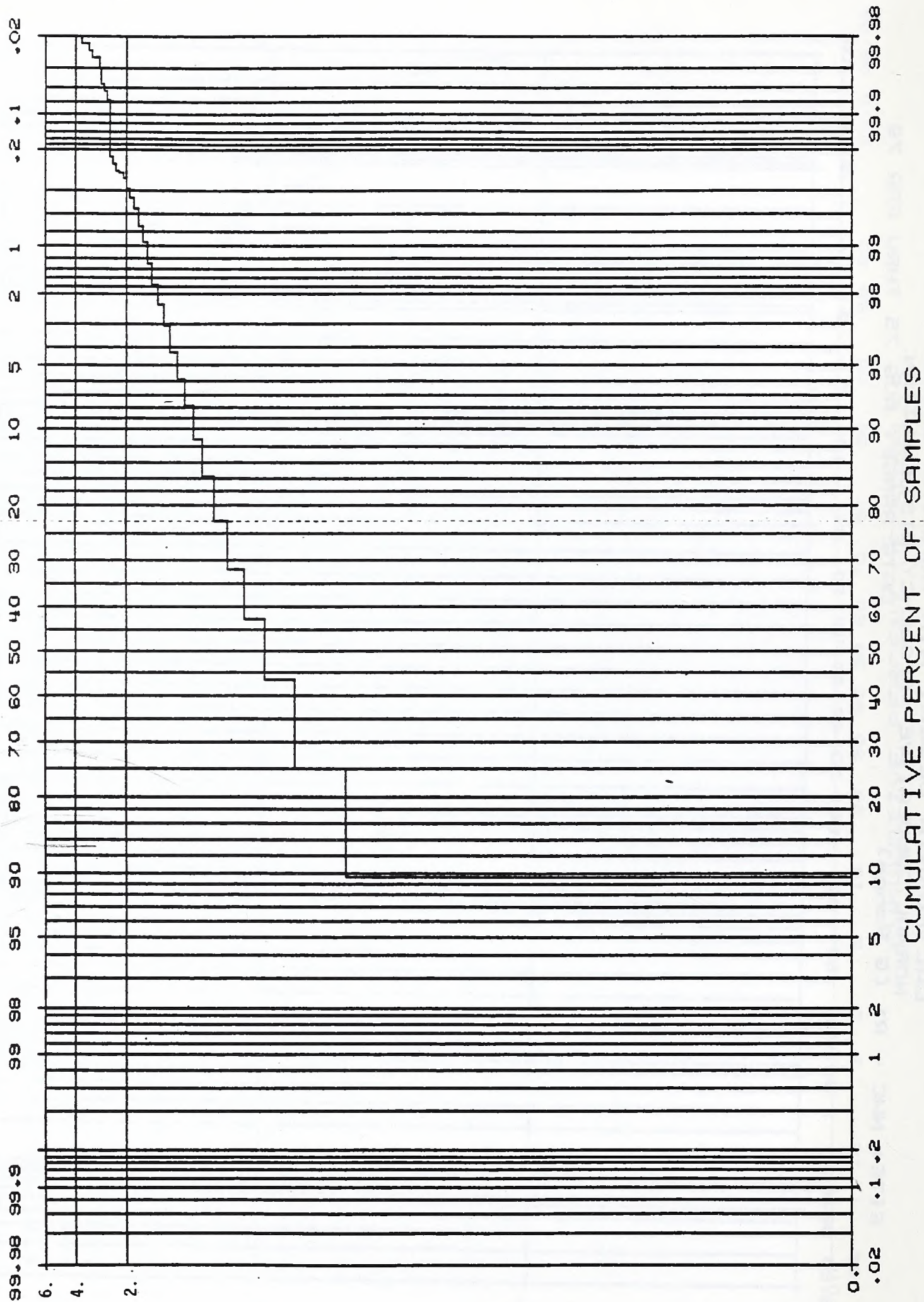
CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

SITE: NWC - R1 (G Range) DATE RANGE: AUG 75 THRU APR 79



CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: AUG 75 THRU APR 79

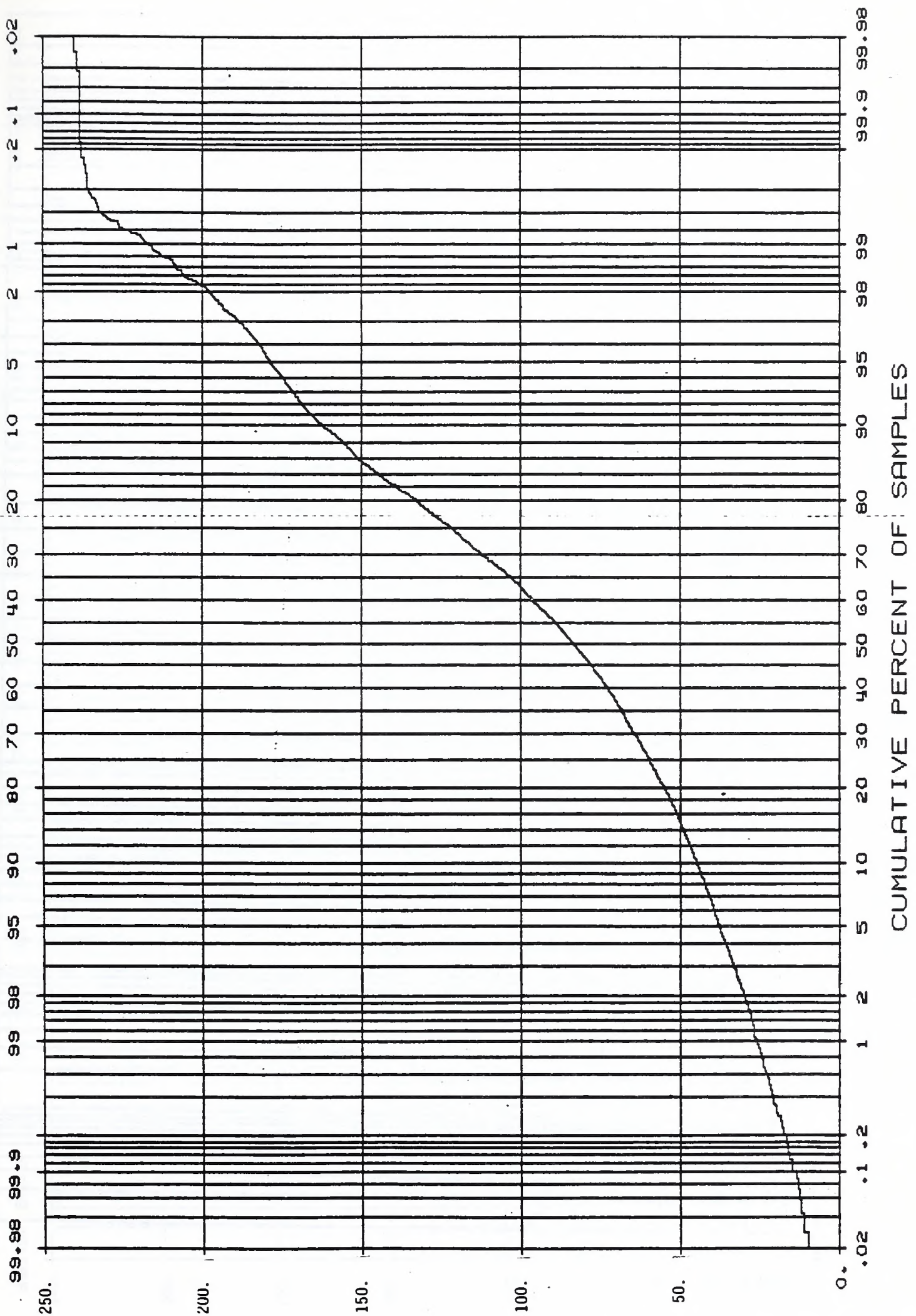
SITE: NWC - R1 (G Range)



BSC1 (10⁻⁴/m)

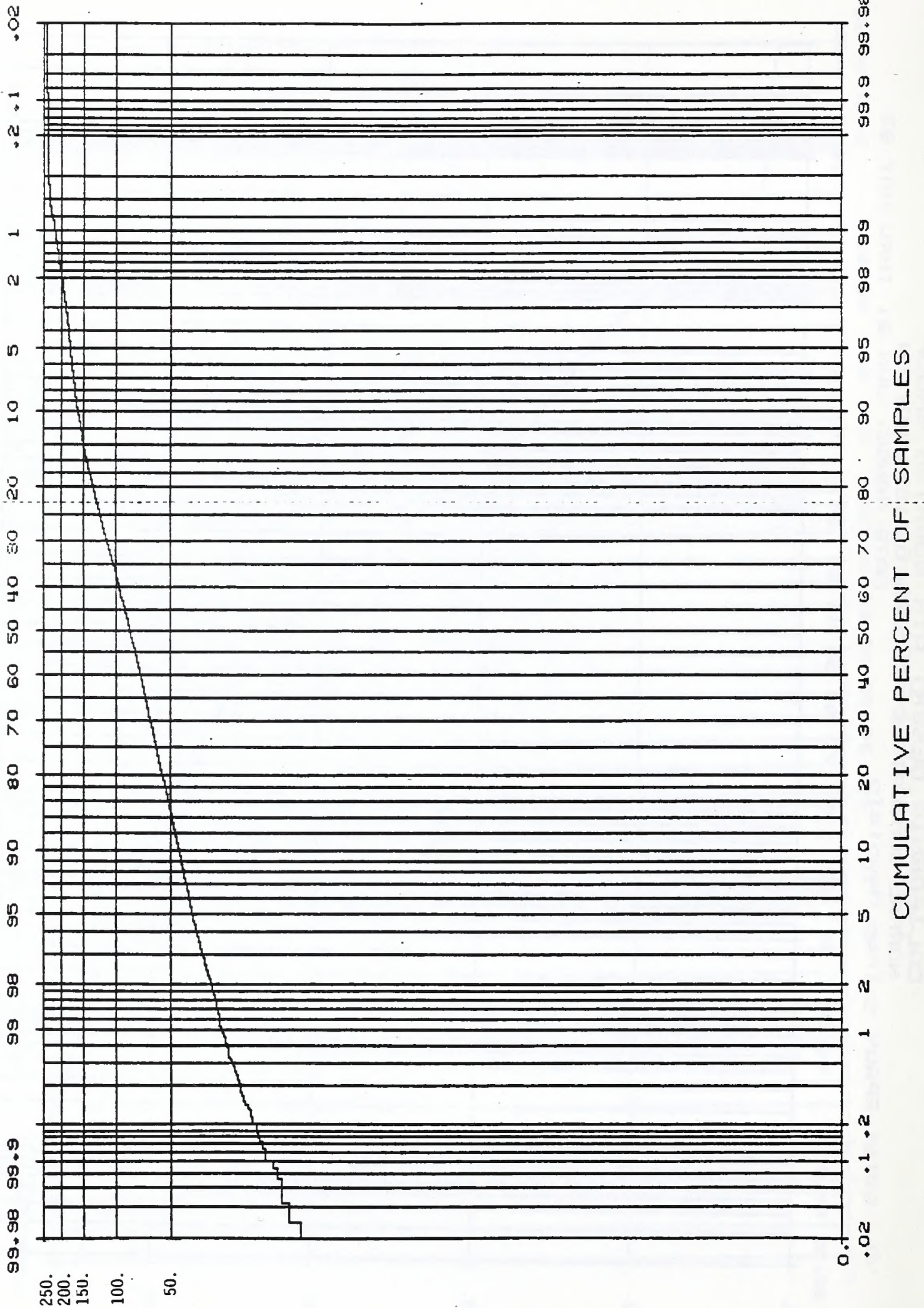
CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

SITE: EPALV - Iron Mountain DATE RANGE: JUN 81 THRU MAY 82



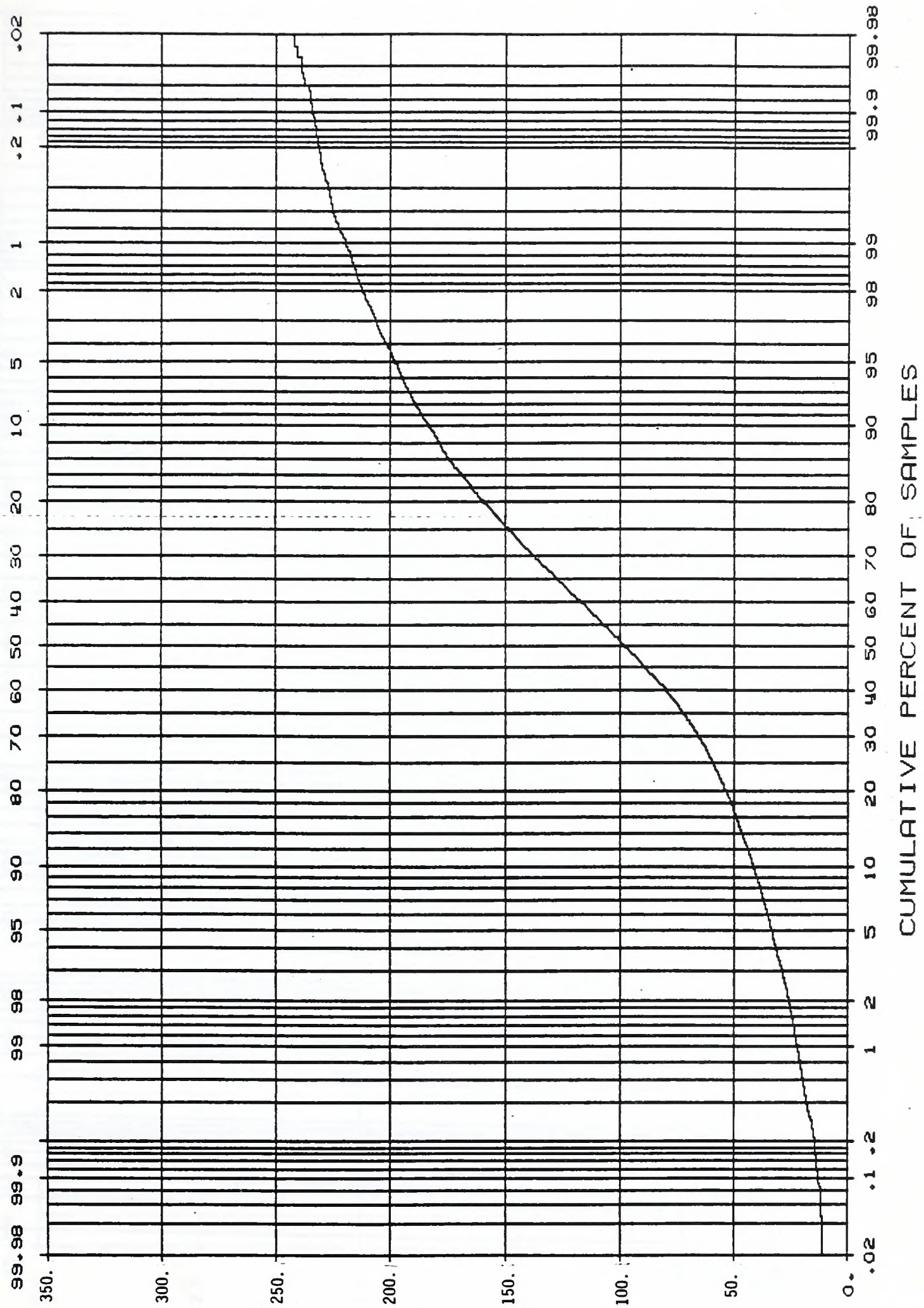
CALIFORNIA DESERT AIR WORKING GROUP LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

SITE: EPALV - Iron Mountain DATE RANGE: JUN 81 THRU MAY 82

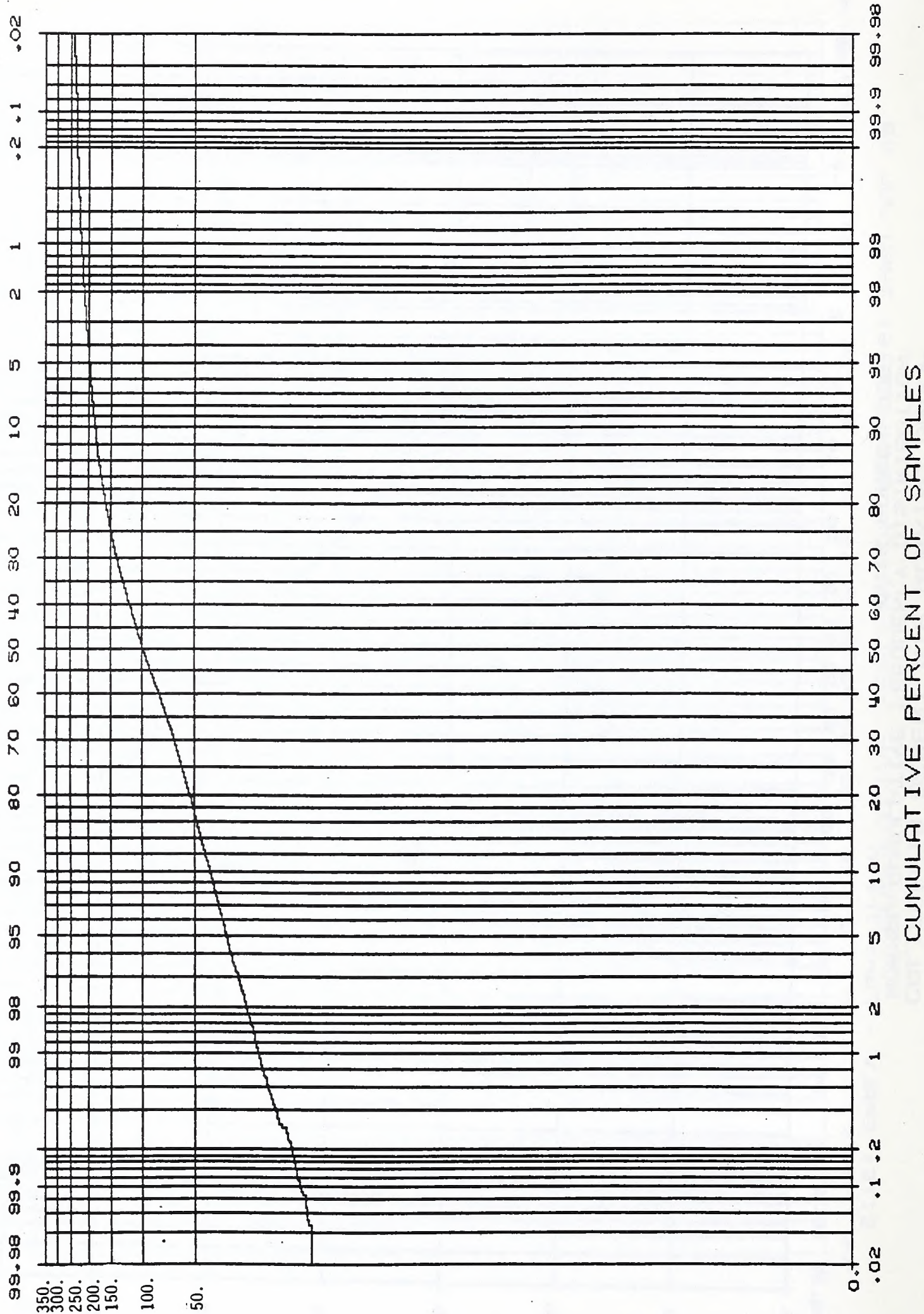


CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: AUG 81 THRU JUL 83

SITE: EPALV - Fort Irwin

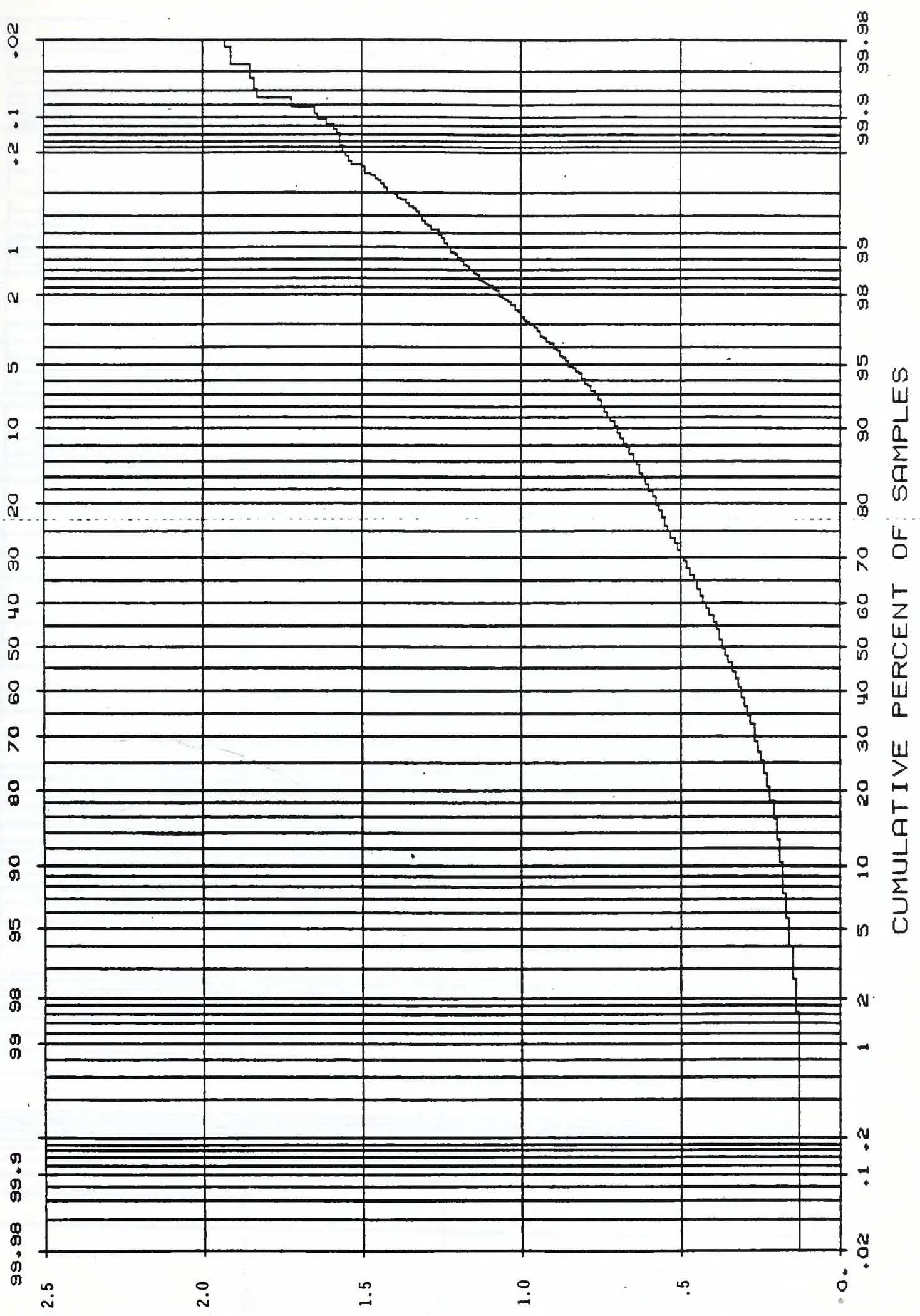


CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 SITE: EPALV - Fort Irwin DATE RANGE: AUG 81 THRU JUL 83



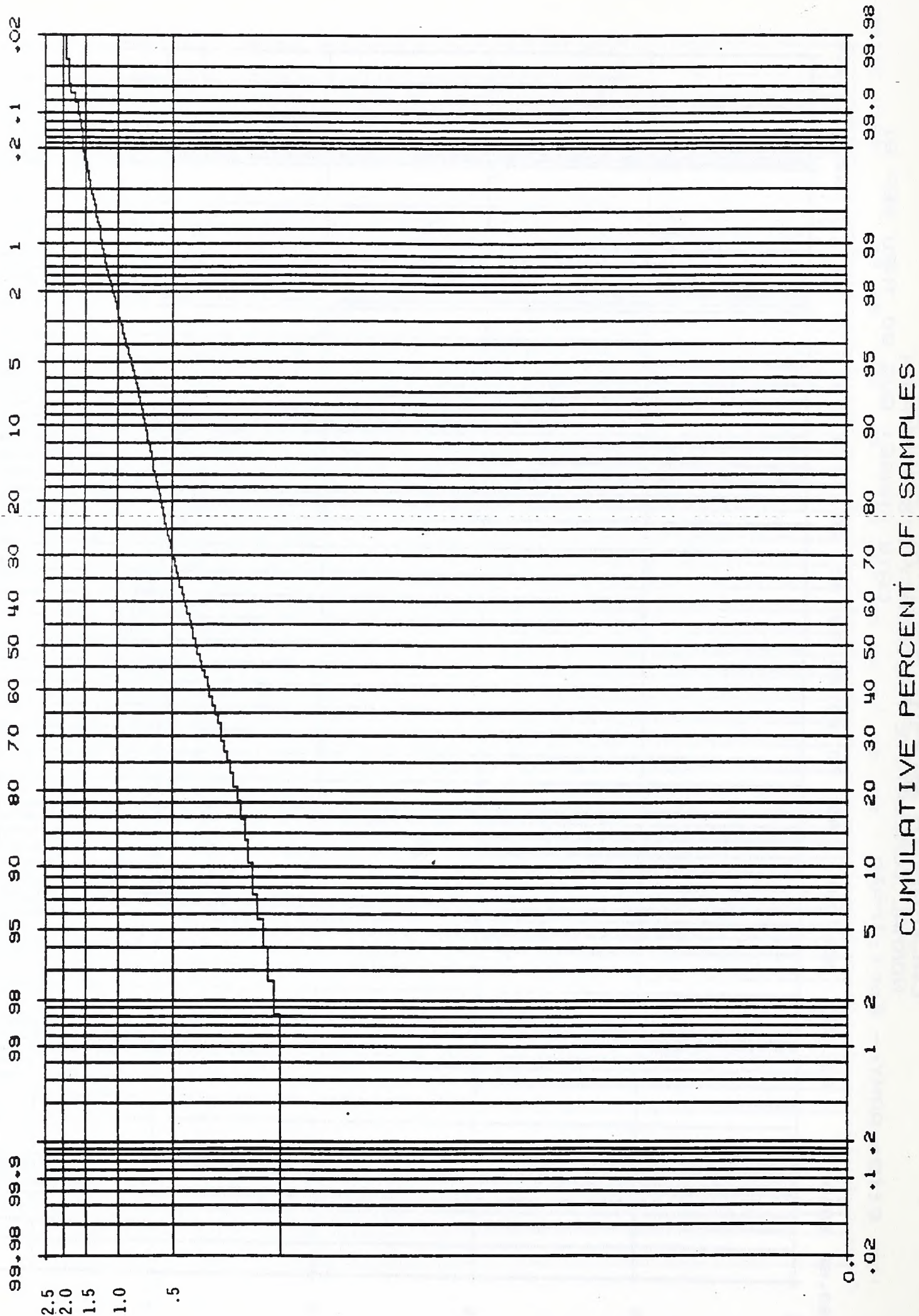
CALIFORNIA DESERT AIR WORKING GROUP
 NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

SITE: ARMY - Fort Irwin DATE RANGE: AUG 80 THRU SEP 81



CALIFORNIA DESERT AIR WORKING GROUP
 LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION
 DATE RANGE: AUG 80 THRU SEP 81

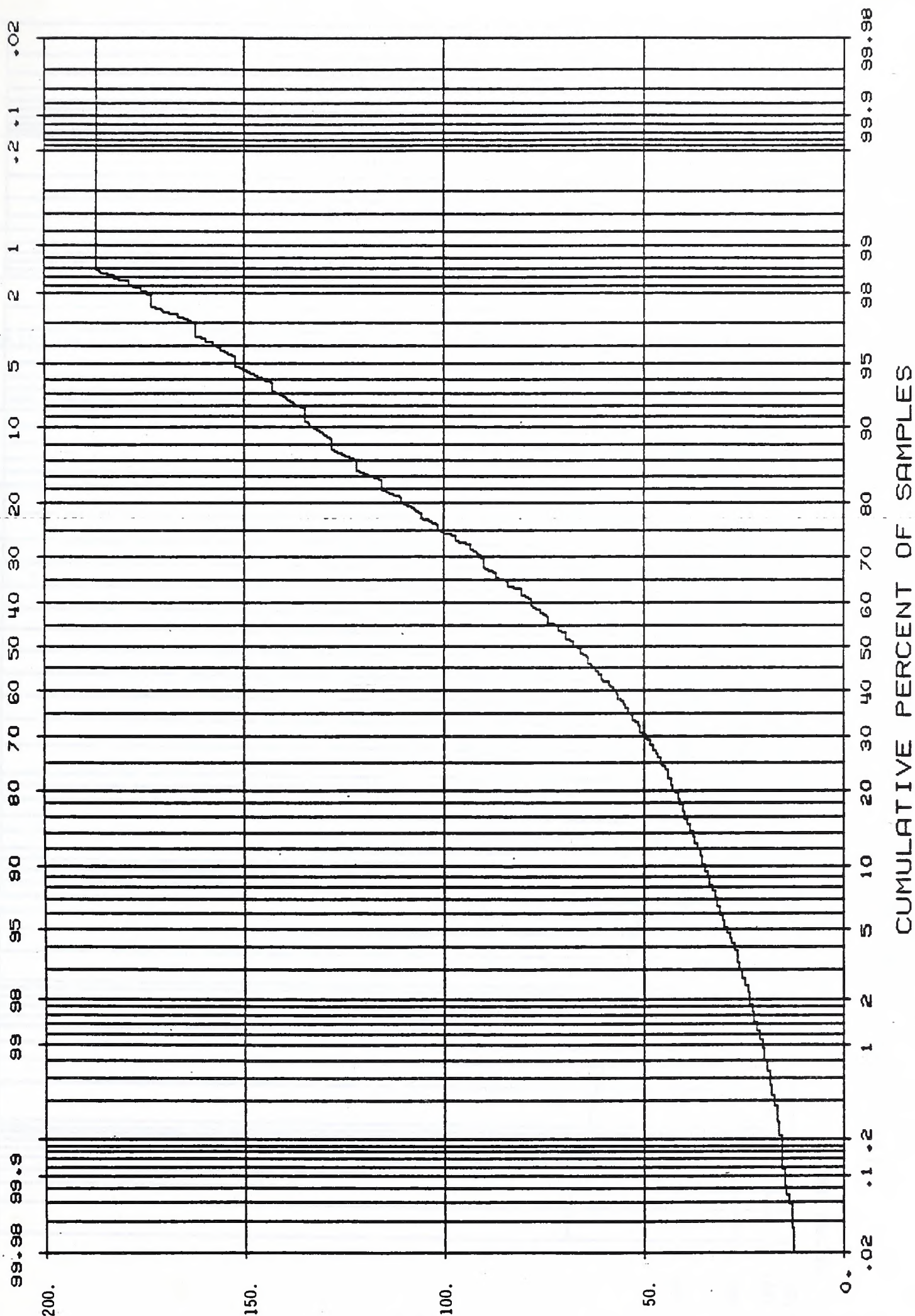
SITE: ARMY - Fort Irwin



CALIFORNIA DESERT AIR WORKING GROUP NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: AUG 80 THRU SEP 81

SITE: ARMY - Fort Irwin

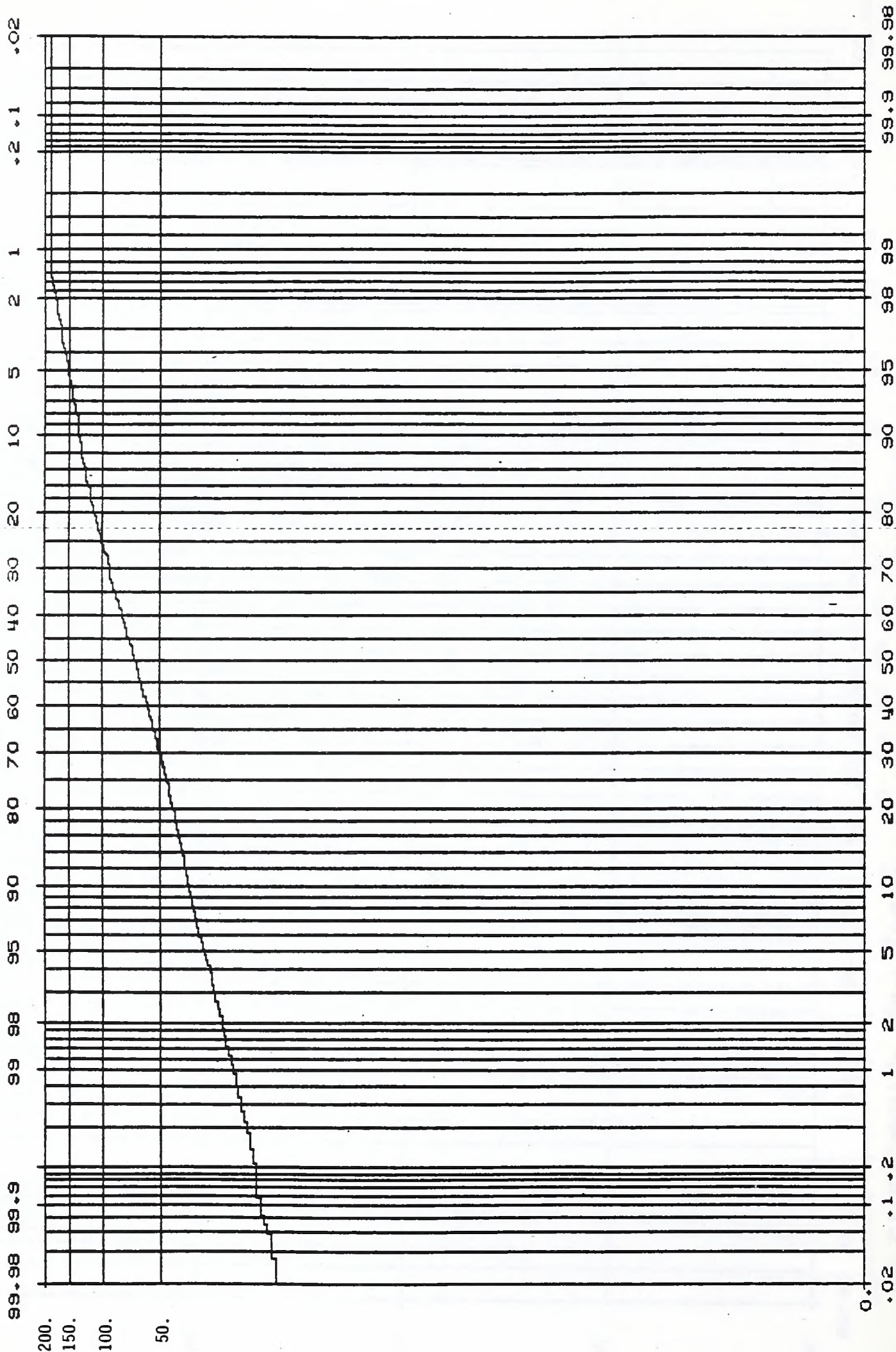


CALIFORNIA DESERT AIR WORKING GROUP

LOG-NORMAL CUMULATIVE FREQUENCY DISTRIBUTION

DATE RANGE: AUG 80 THRU SEP 81

SITE: ARMY - Fort Irwin



CUMULATIVE PERCENT OF SAMPLES

Appendix D

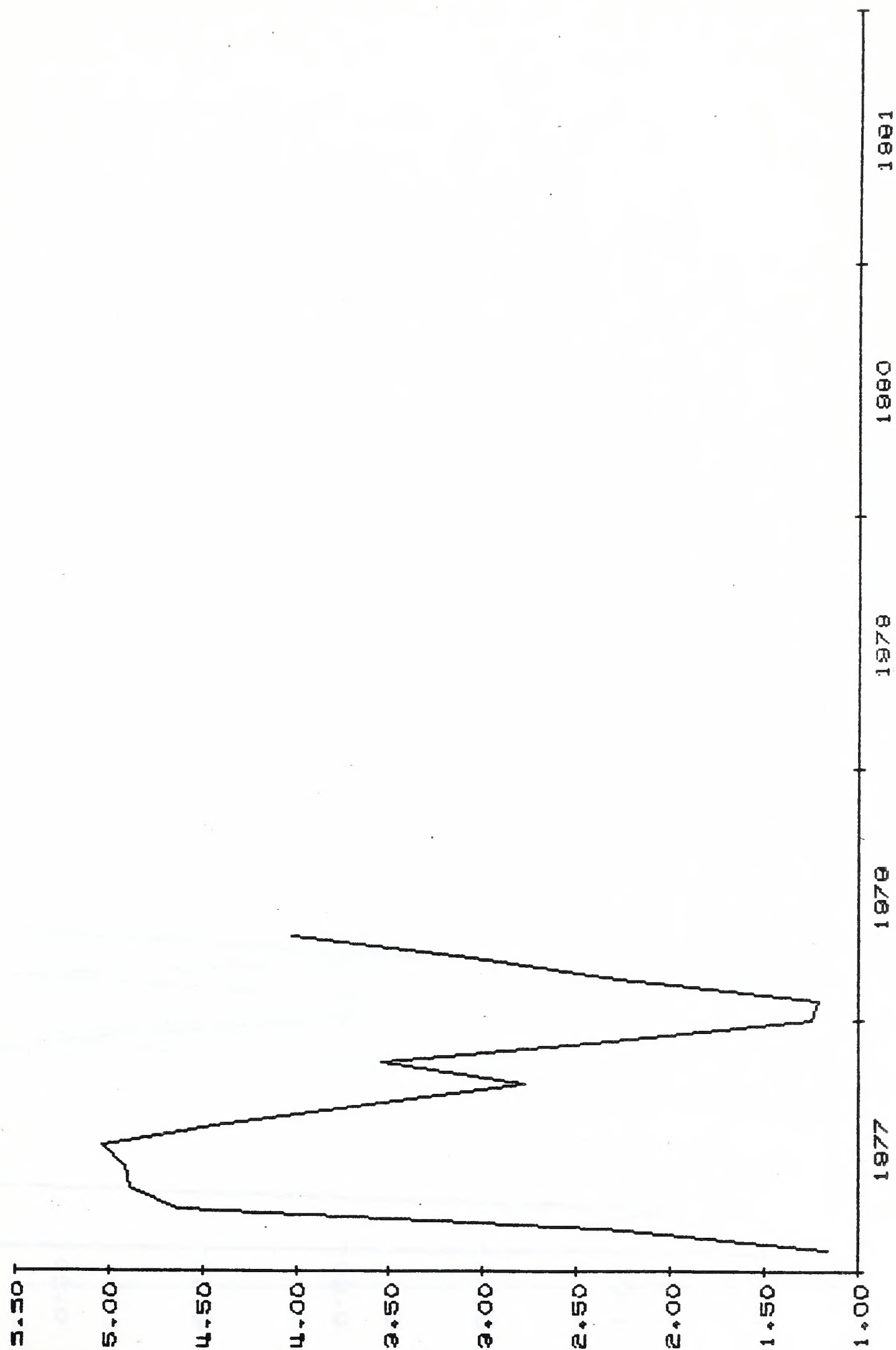
Time Series Plots for 1977-81

Monthly averages of selected parameters at selected sites for the years 1977 - 81.

CALIFORNIA DESERT AIR WORKING GROUP

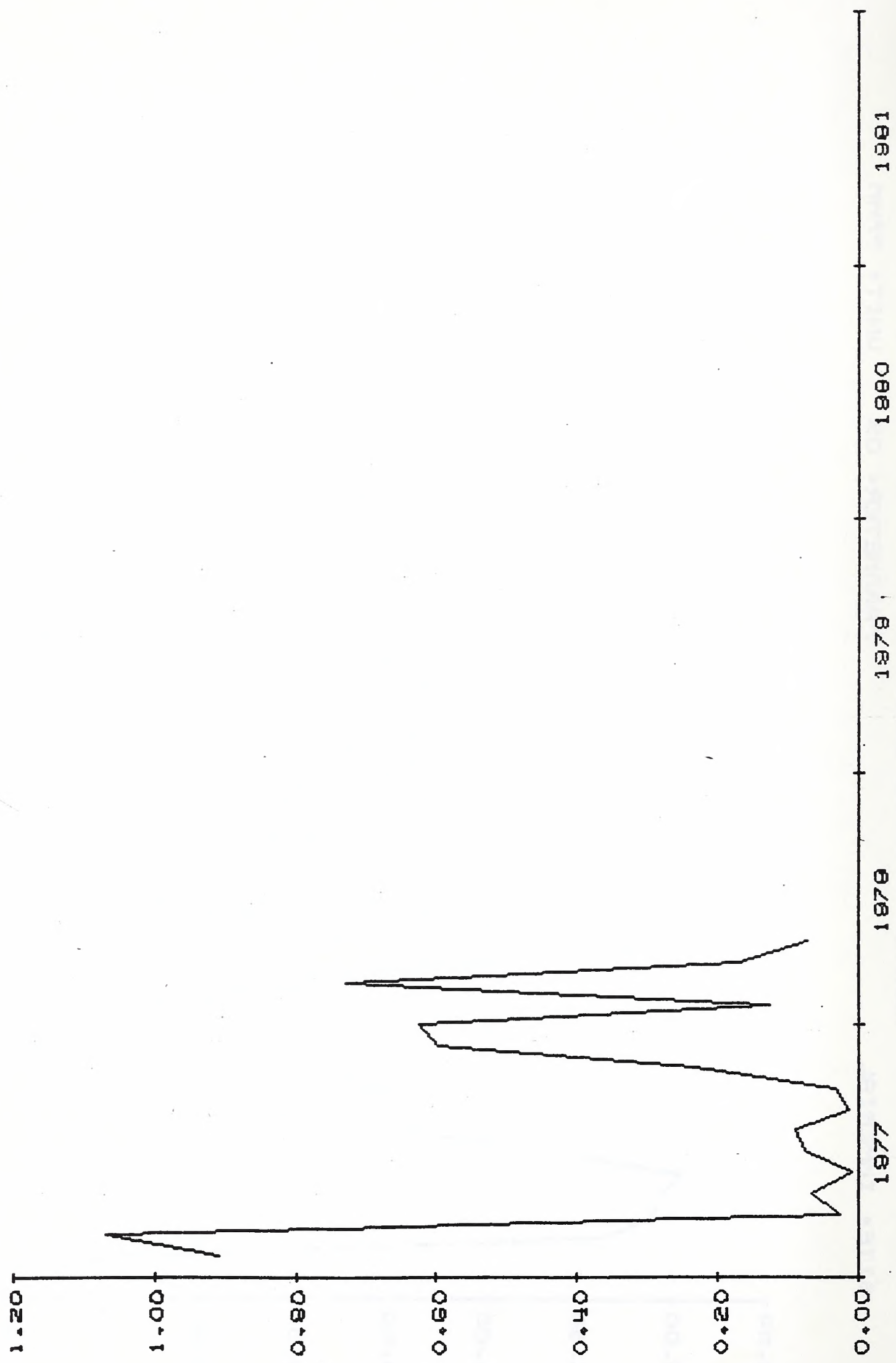
MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

SITE: IMPERIAL PARAMETER: 09 UNIT: PPHM



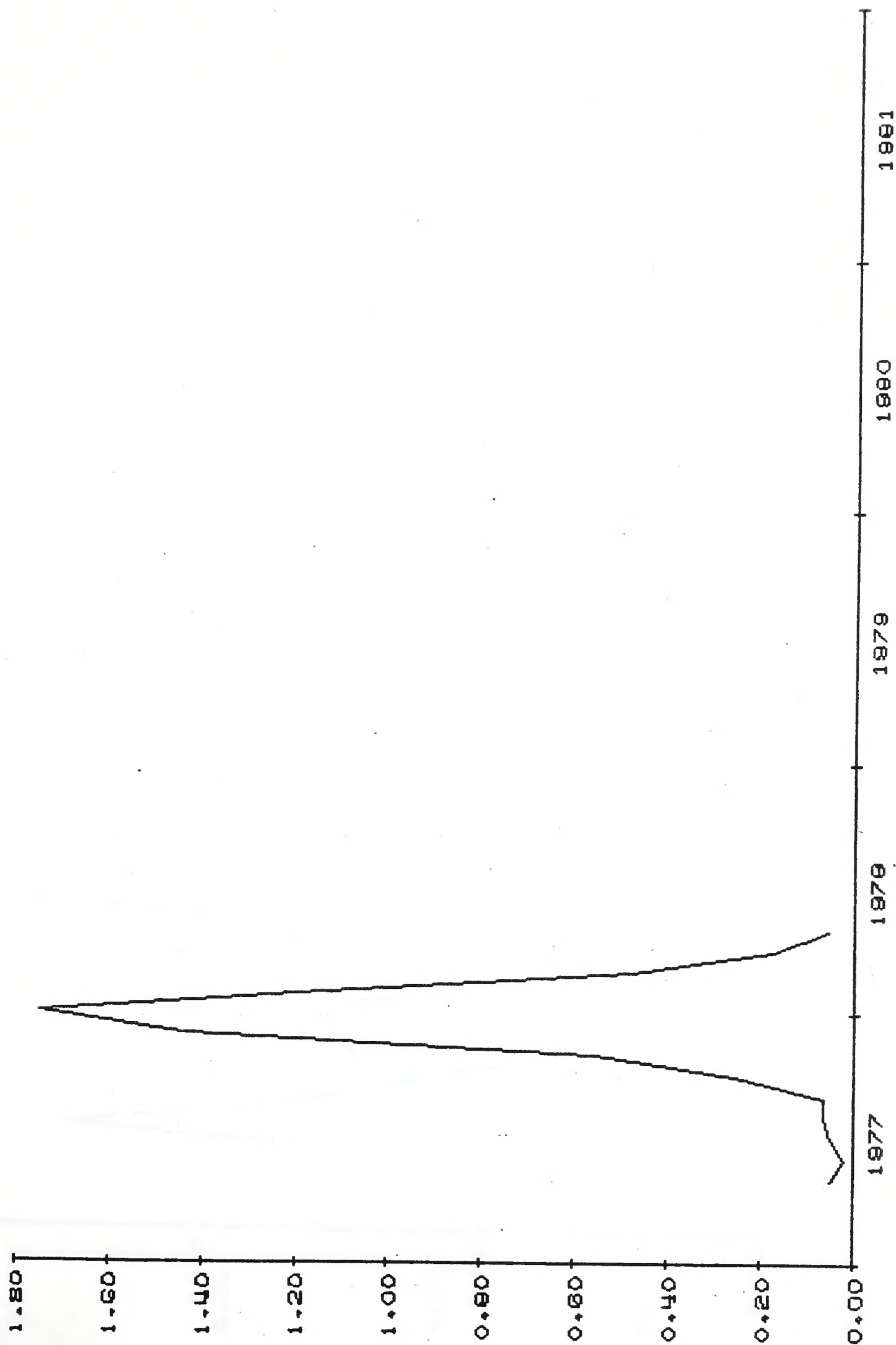
CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

SITE: IMPERIAL
PARAMETER: SO2 UNIT: PPHM



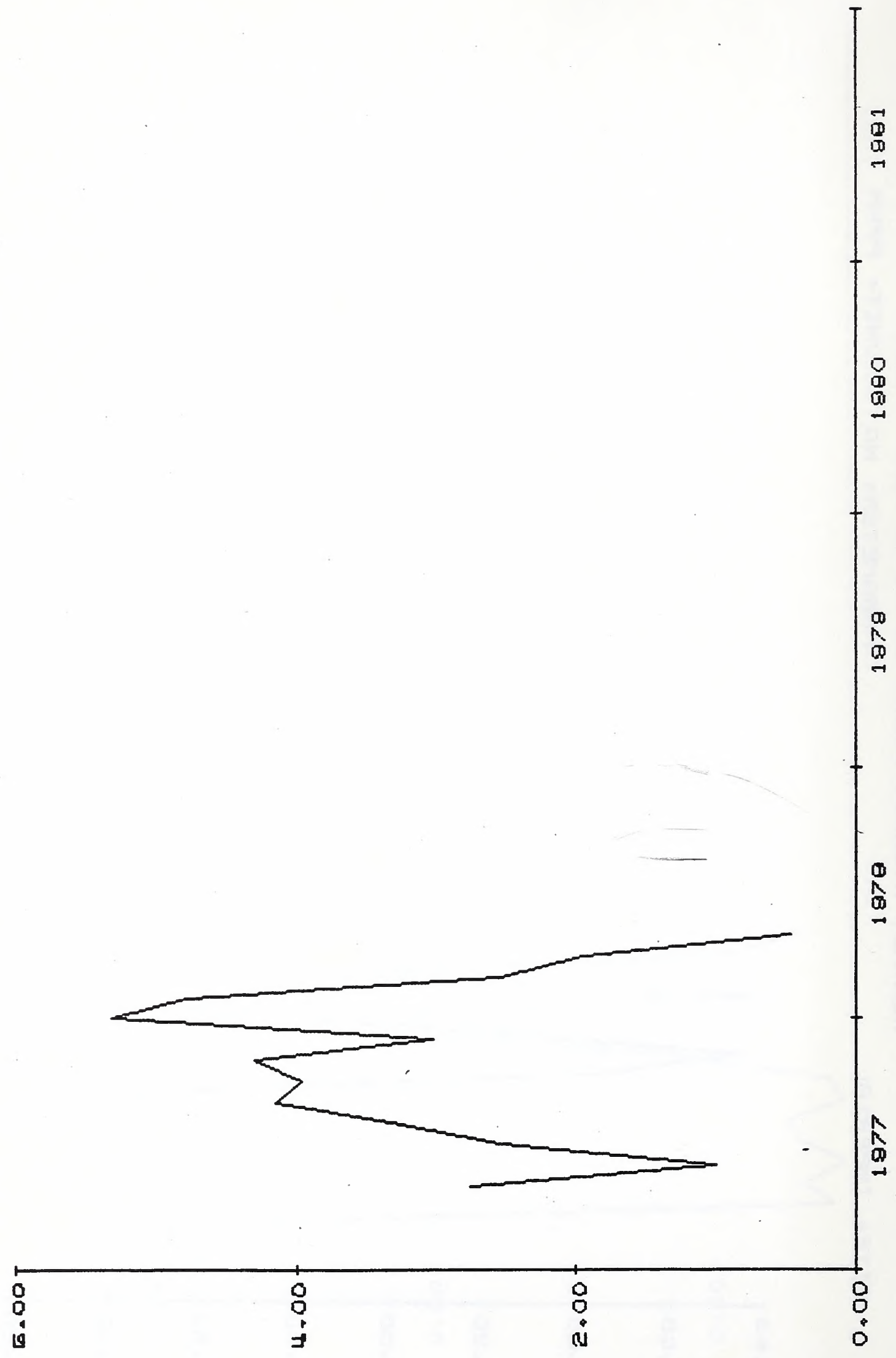
MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

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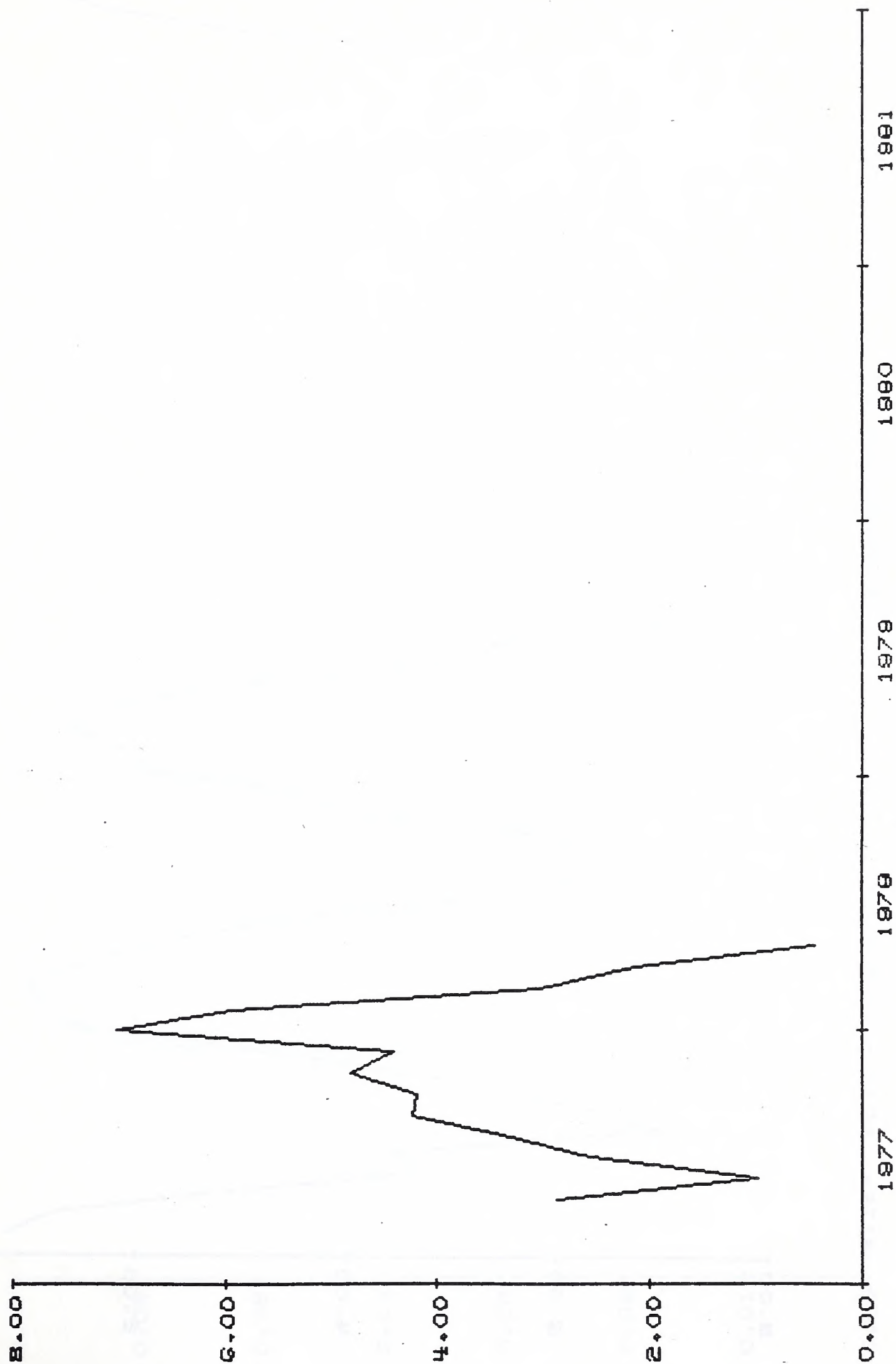
CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

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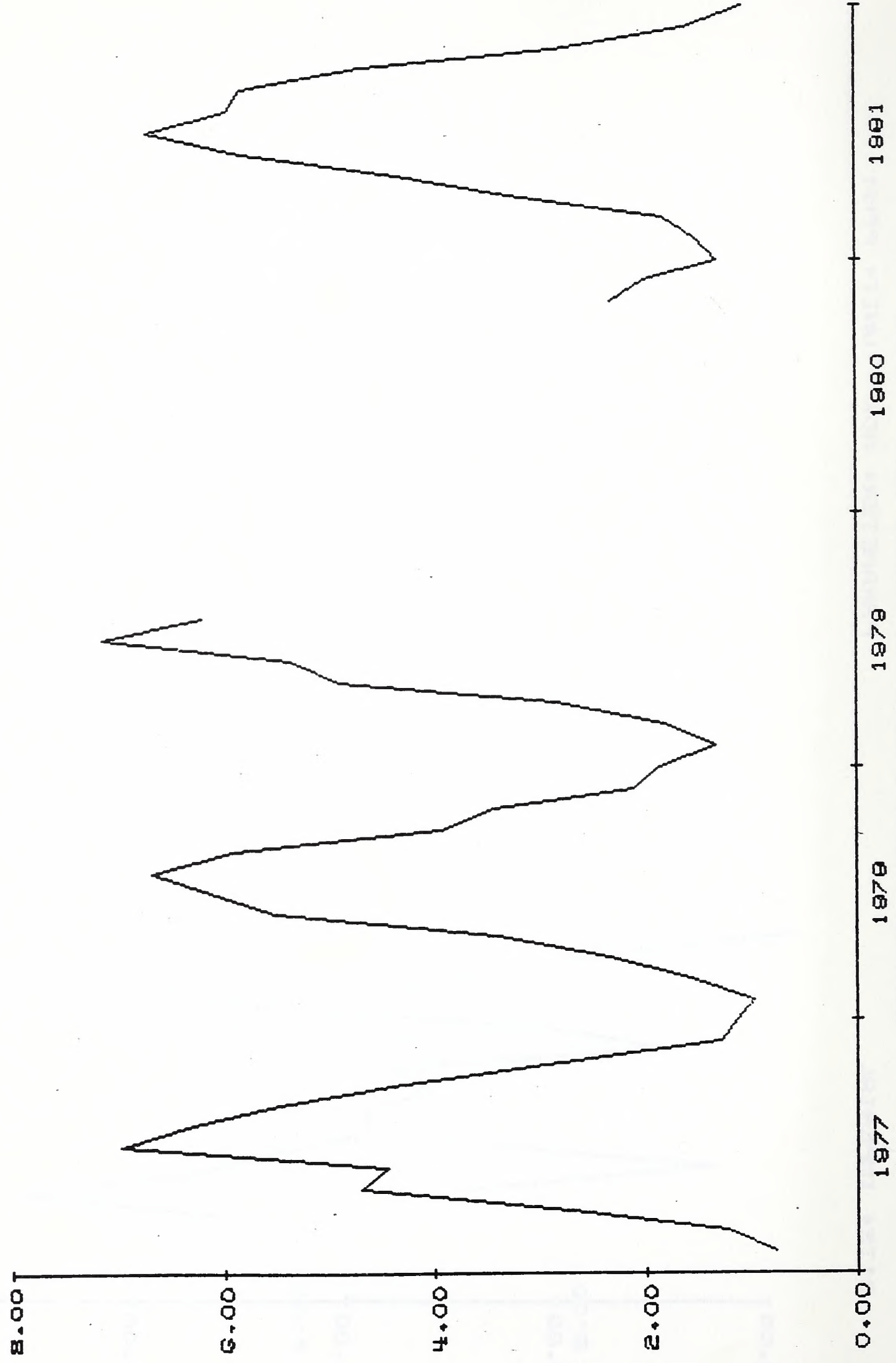
MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

SITE: IMPERIAL PARAMETER: NOX UNIT: PPHM



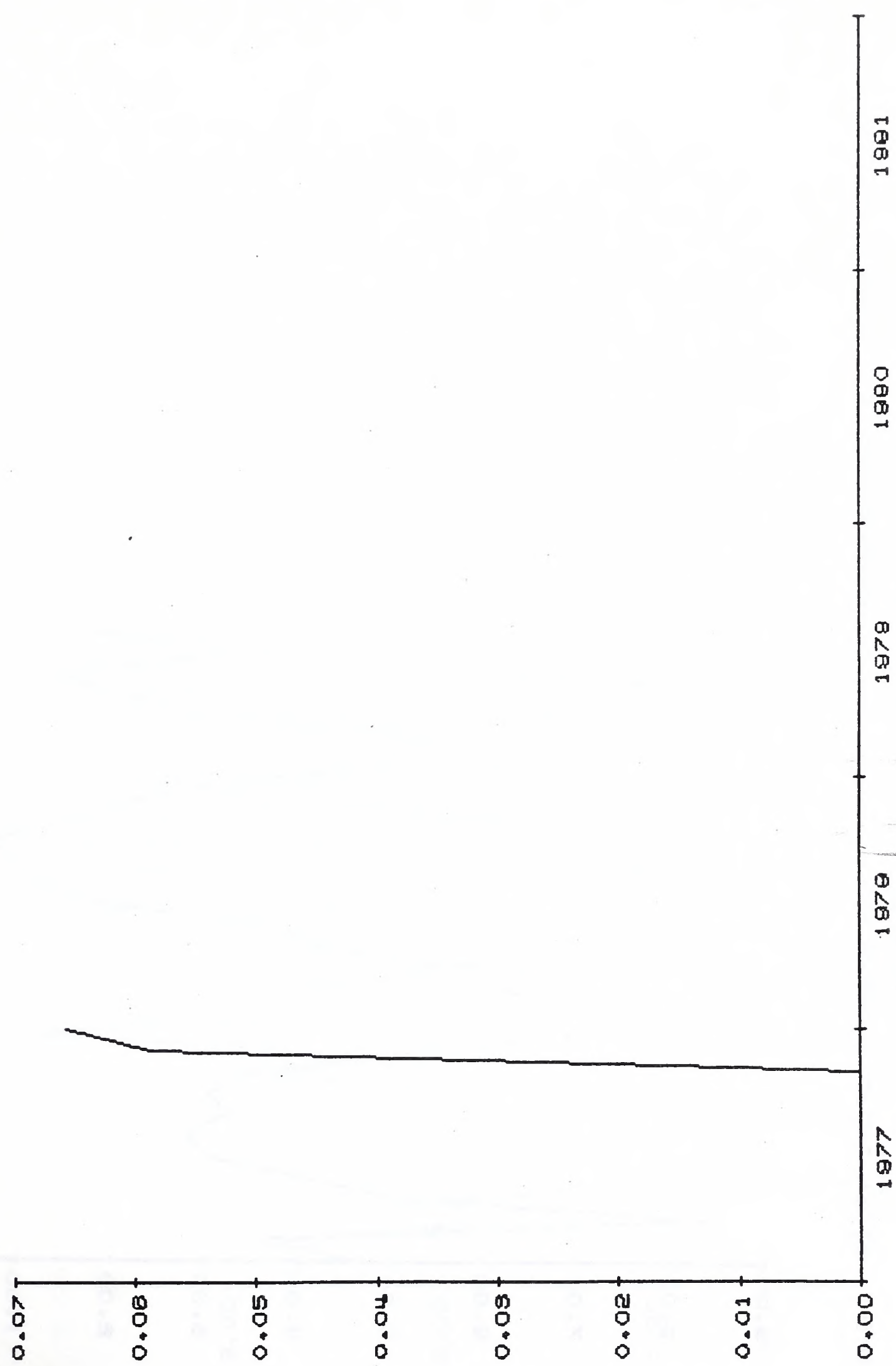
CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

SITE: INDIO - OASIS ST. PARAMETER: 09 UNIT: PPHM



MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

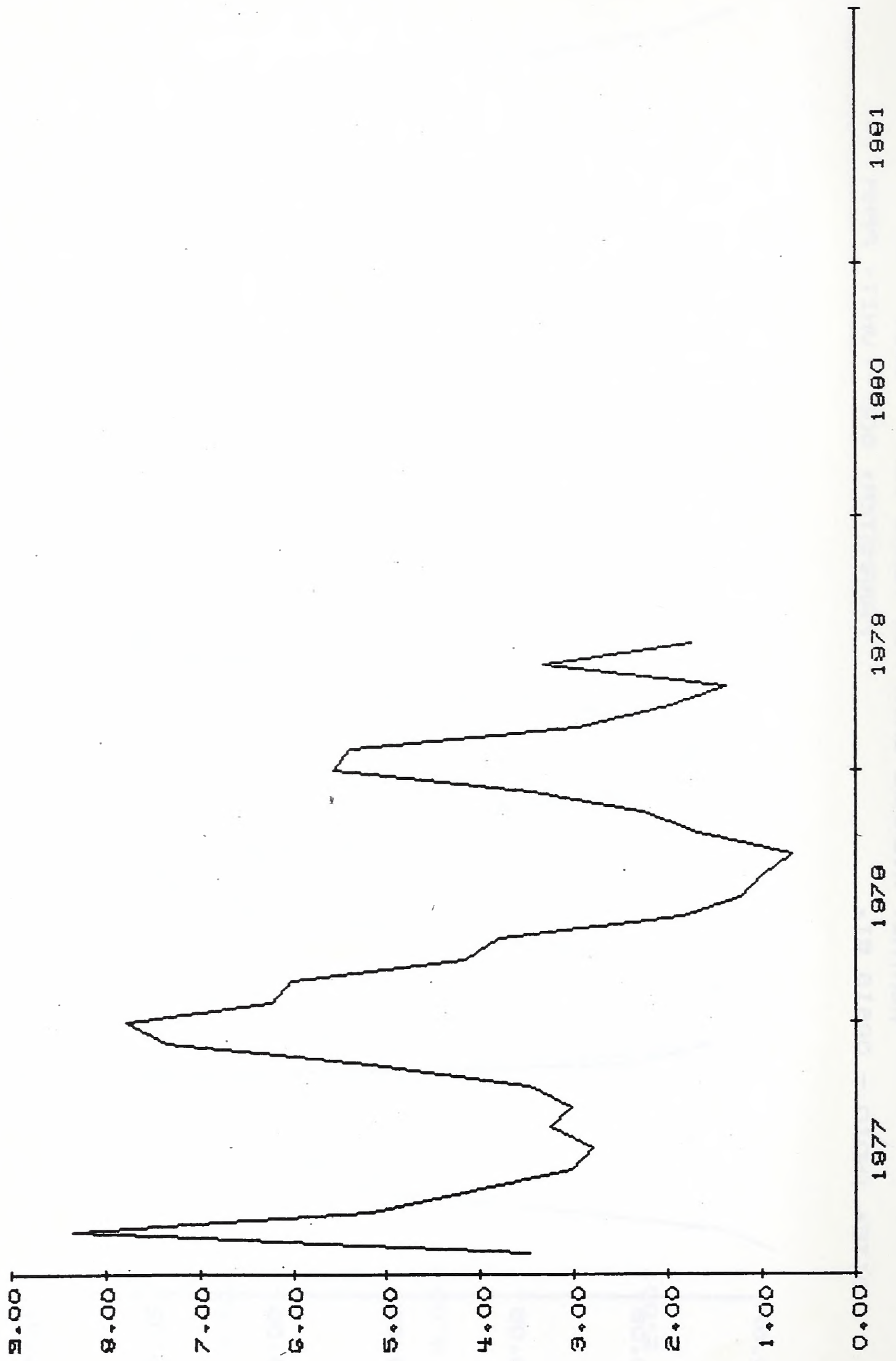
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CALIFORNIA DESERT AIR WORKING GROUP

MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

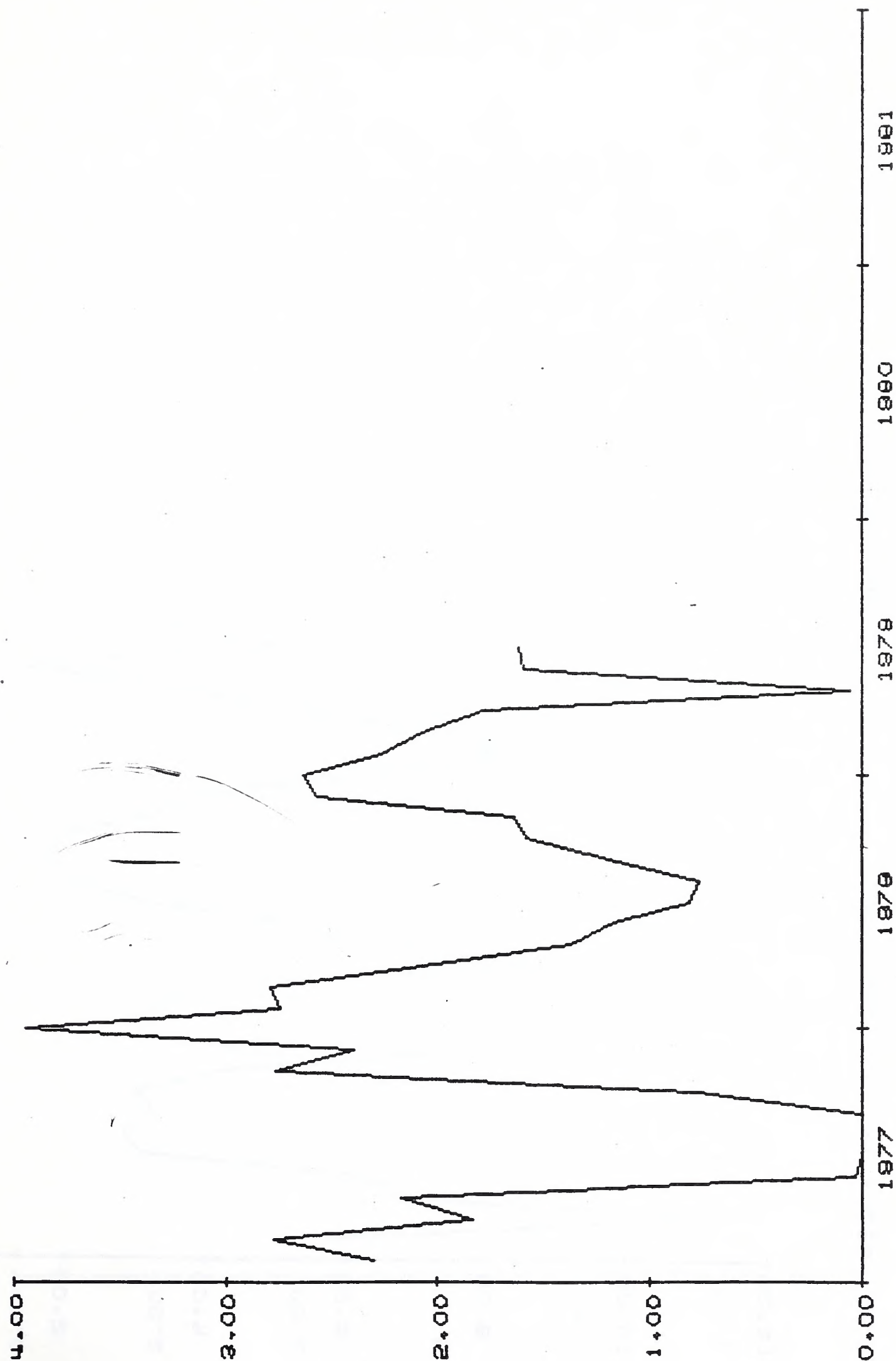
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CALIFORNIA DESERT AIR WORKING GROUP

MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

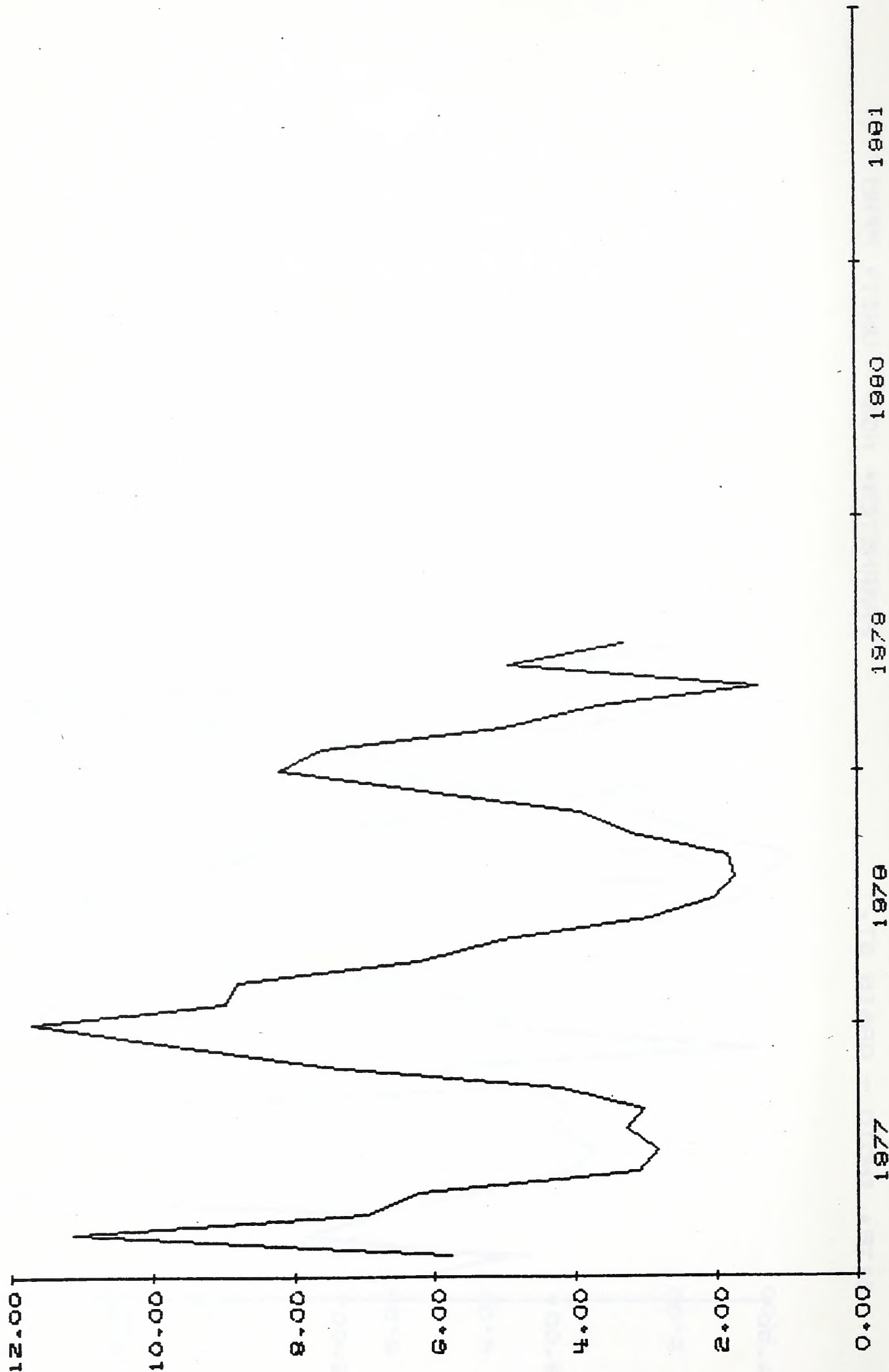
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CALIFORNIA DESERT AIR WORKING GROUP

MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

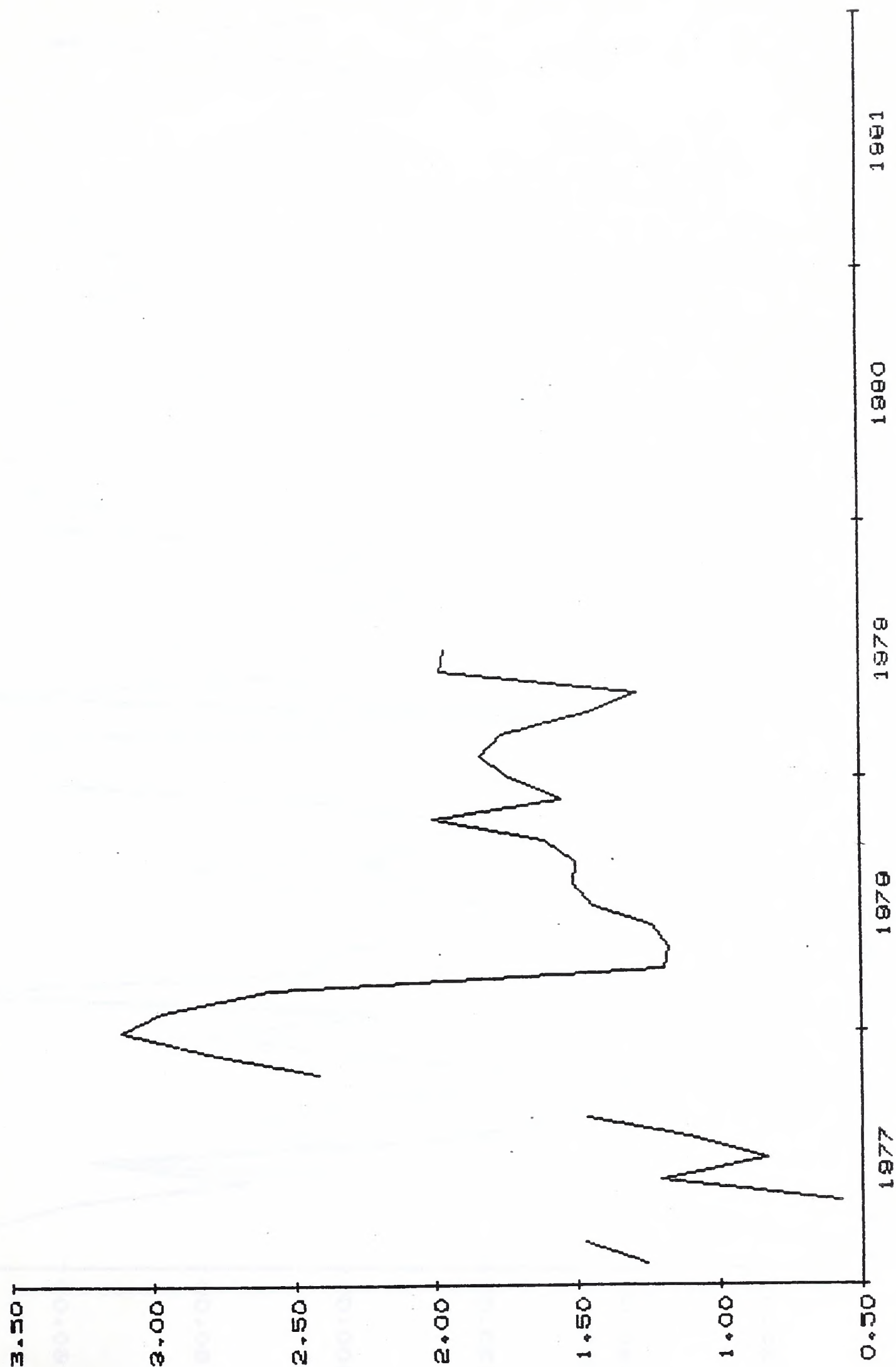
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CALIFORNIA DESERT AIR WORKING GROUP

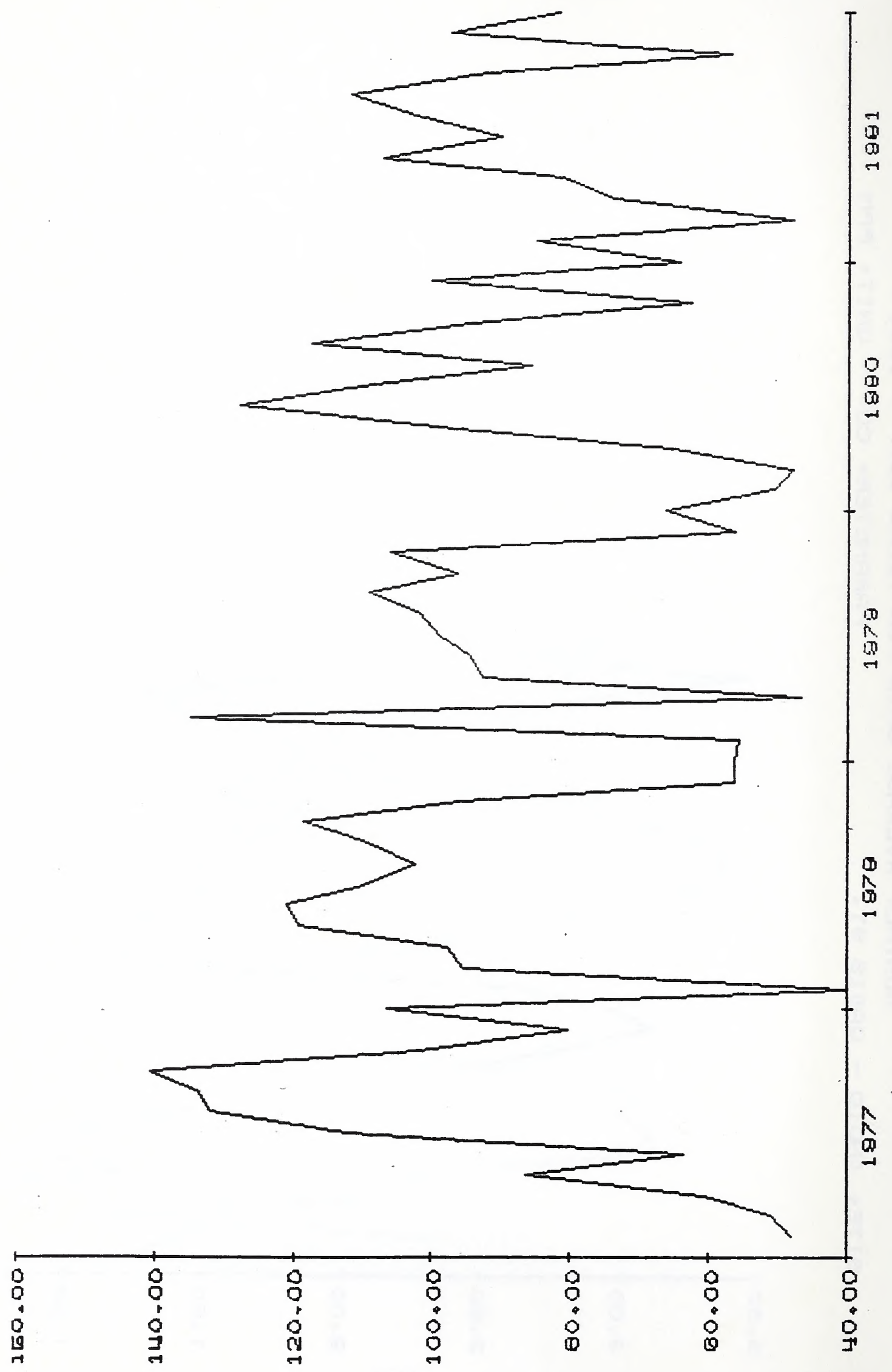
MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

SITE: INDIO - OASIS ST. PARAMETER: CO UNIT: PPM



CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

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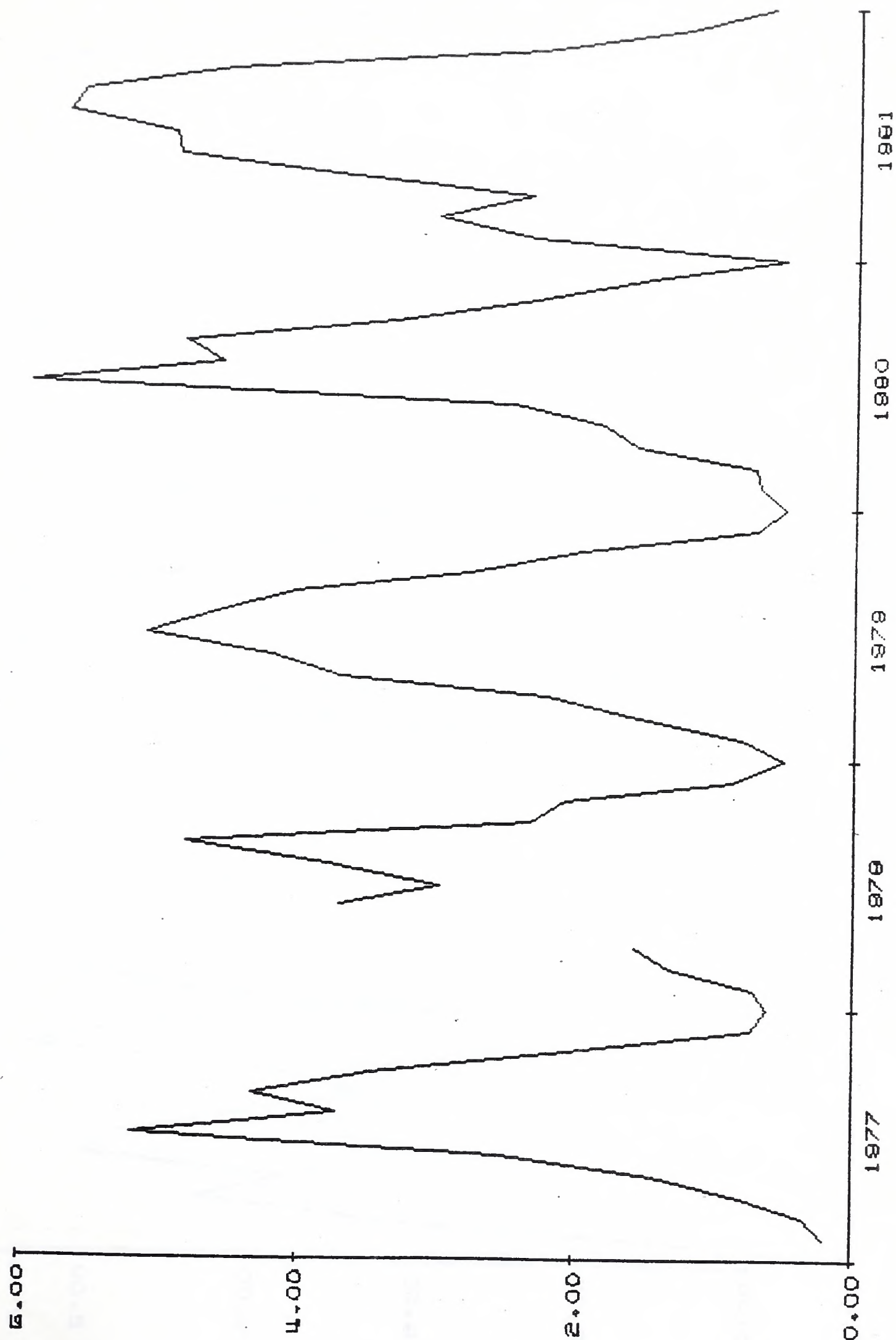


CALIFORNIA DESERT AIR WORKING GROUP

MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

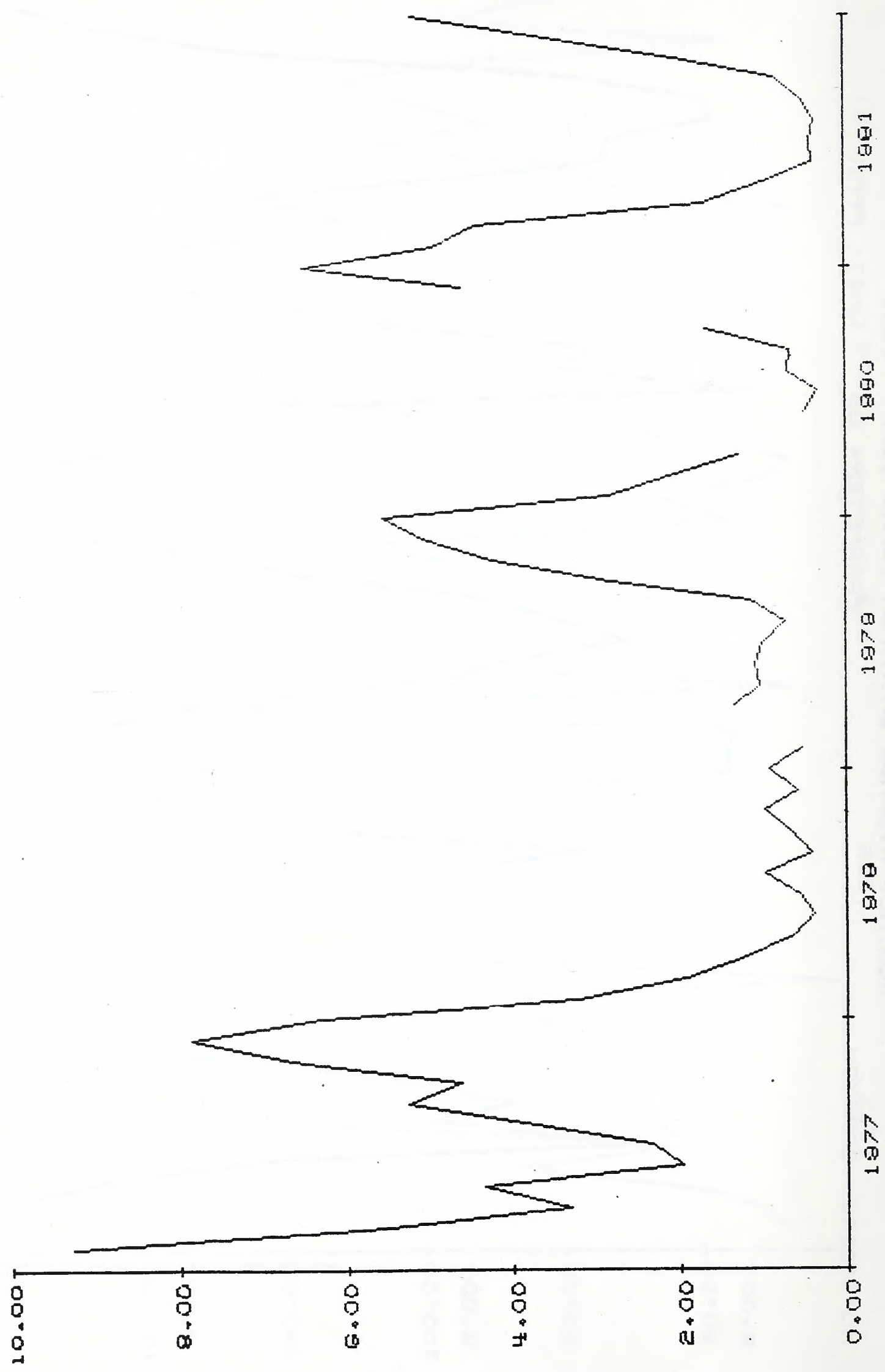
SITE: BARSTOW

PARAMETER: 03 UNIT: PFHM



CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

SITE: BARSTON PARAMETER: NO UNIT: PPHM

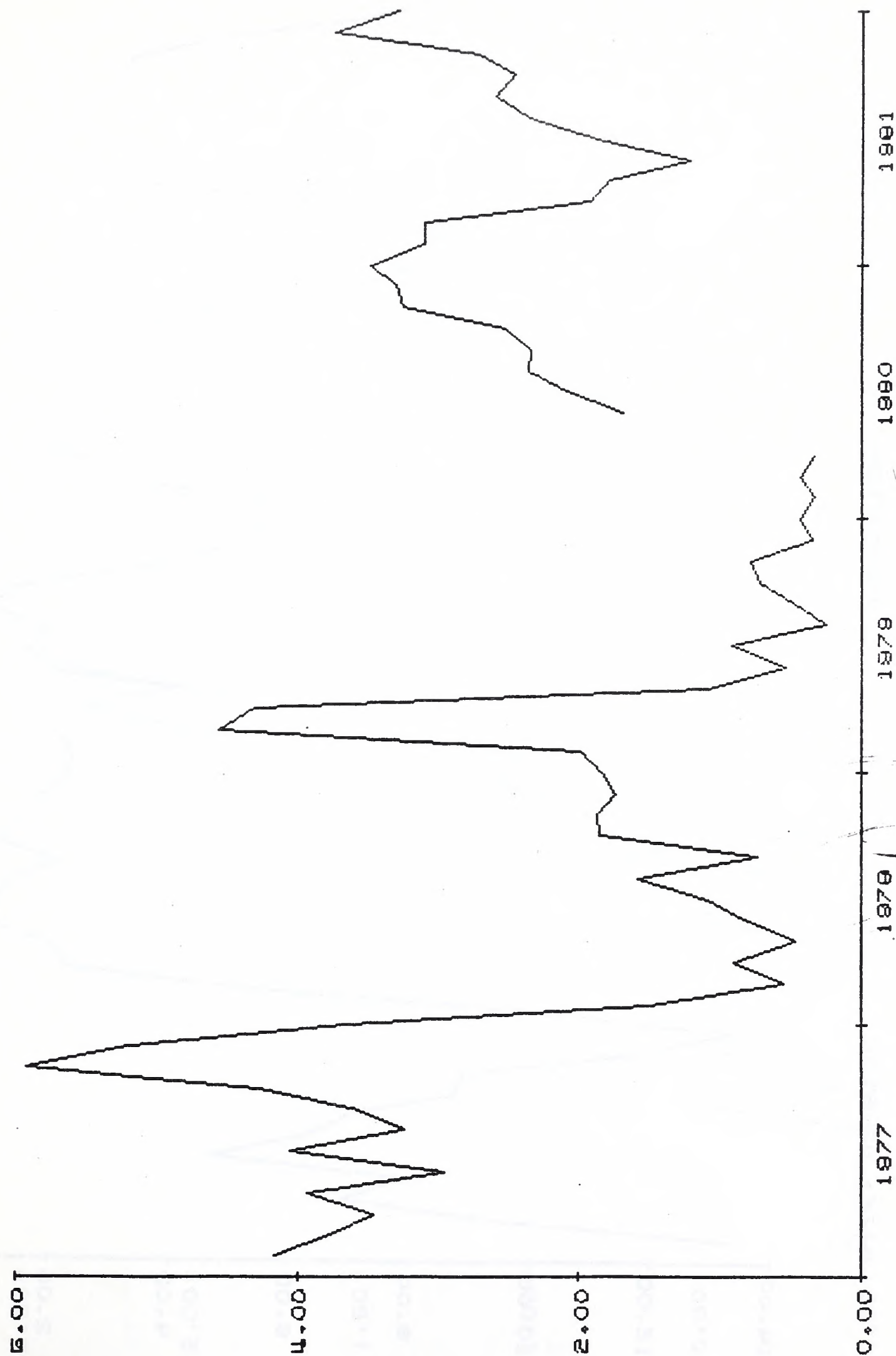


CALIFORNIA DESERT AIR WORKING GROUP

MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

PARAMETER: NO2 UNIT: PPHM

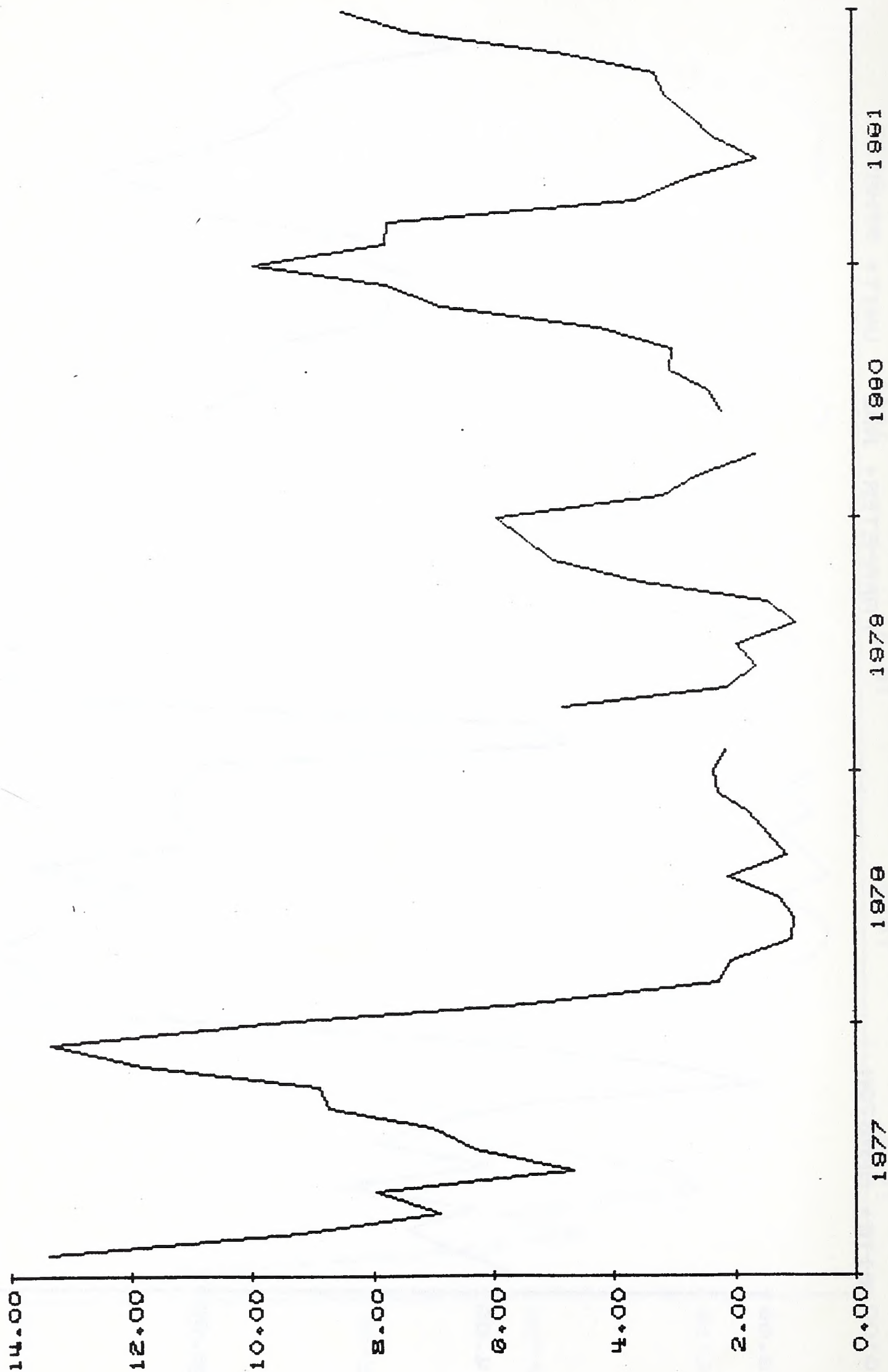
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CALIFORNIA DESERT AIR WORKING GROUP

MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

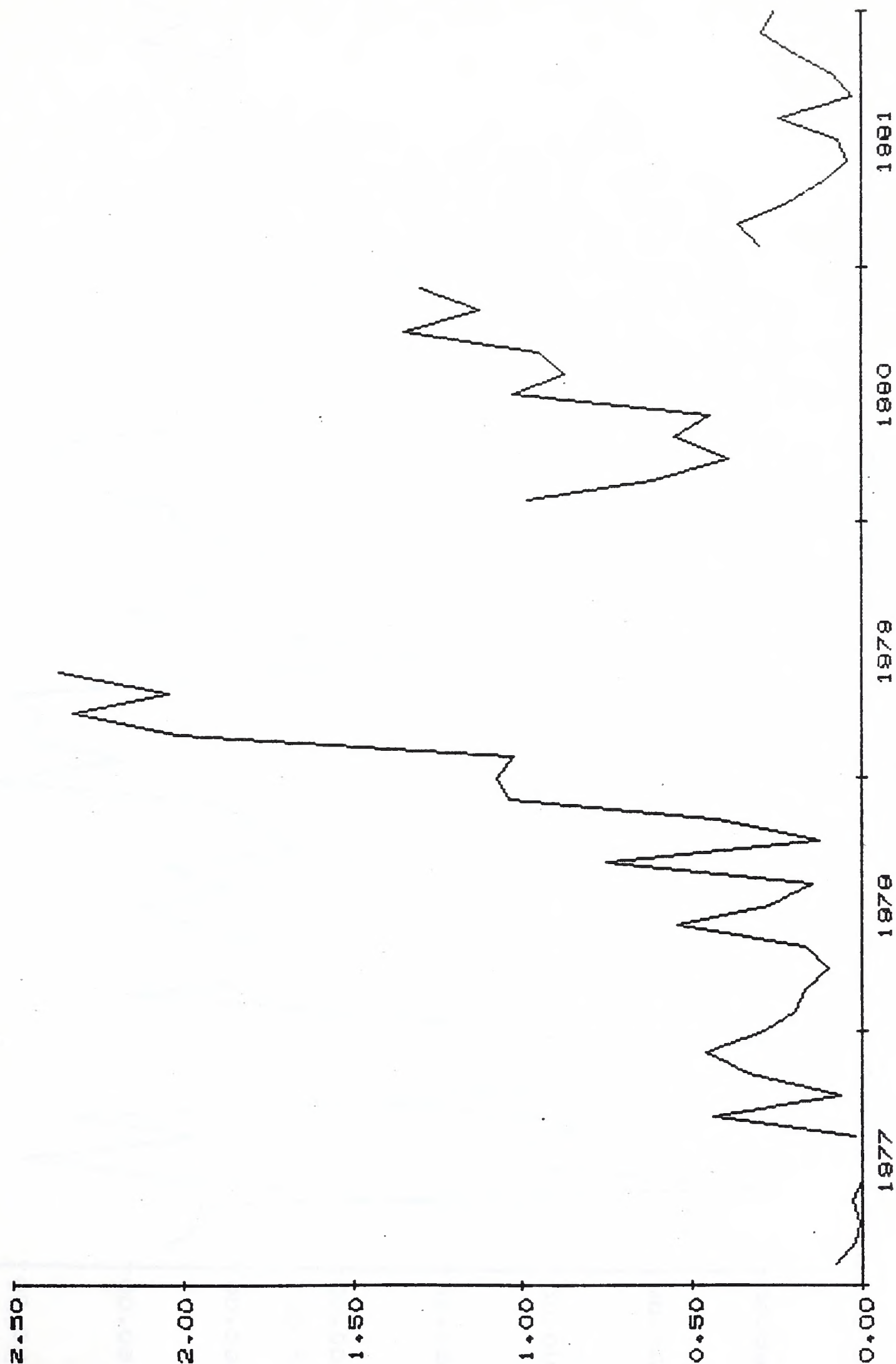
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CALIFORNIA DESERT AIR WORKING GROUP

MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

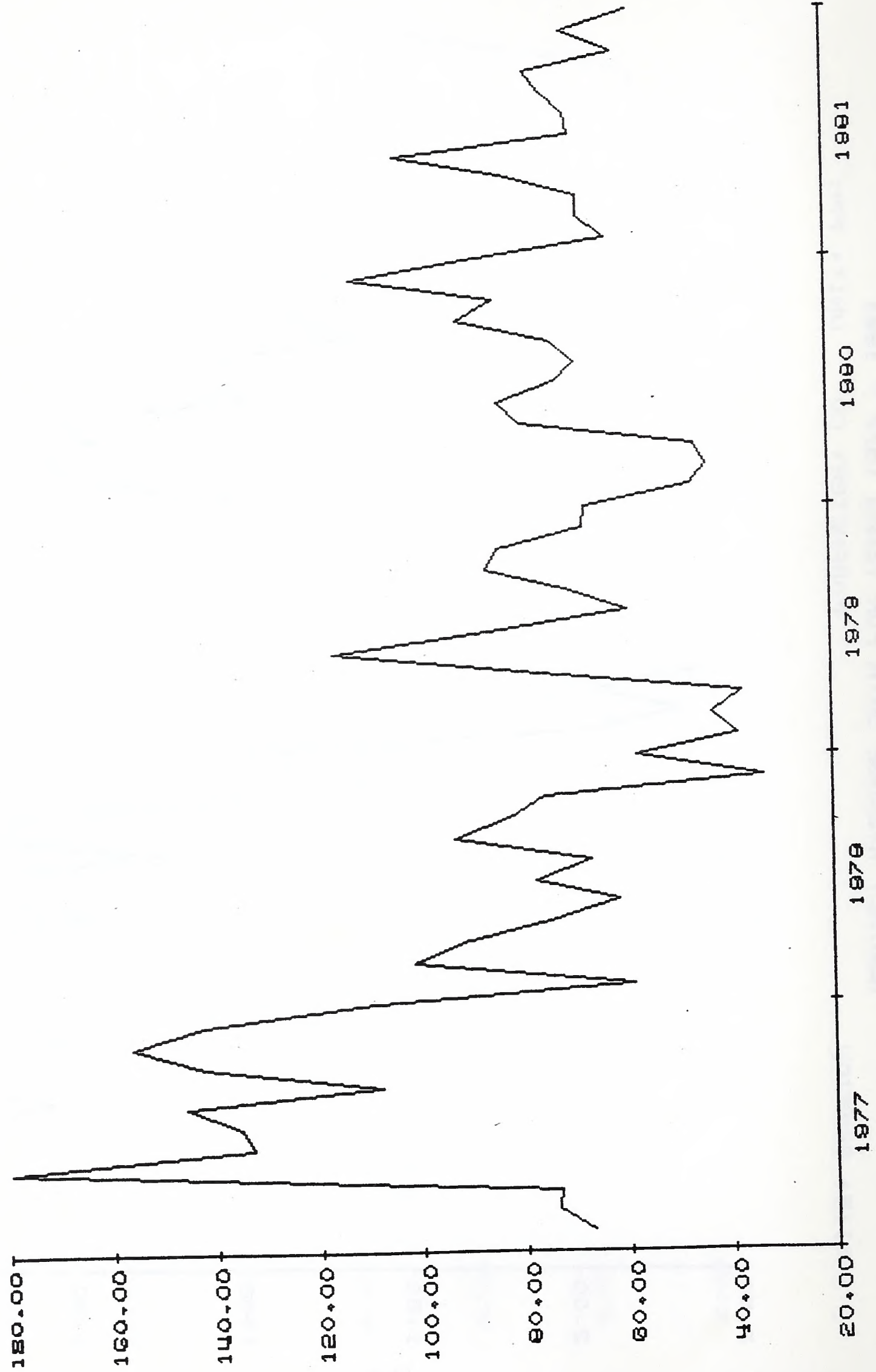
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CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

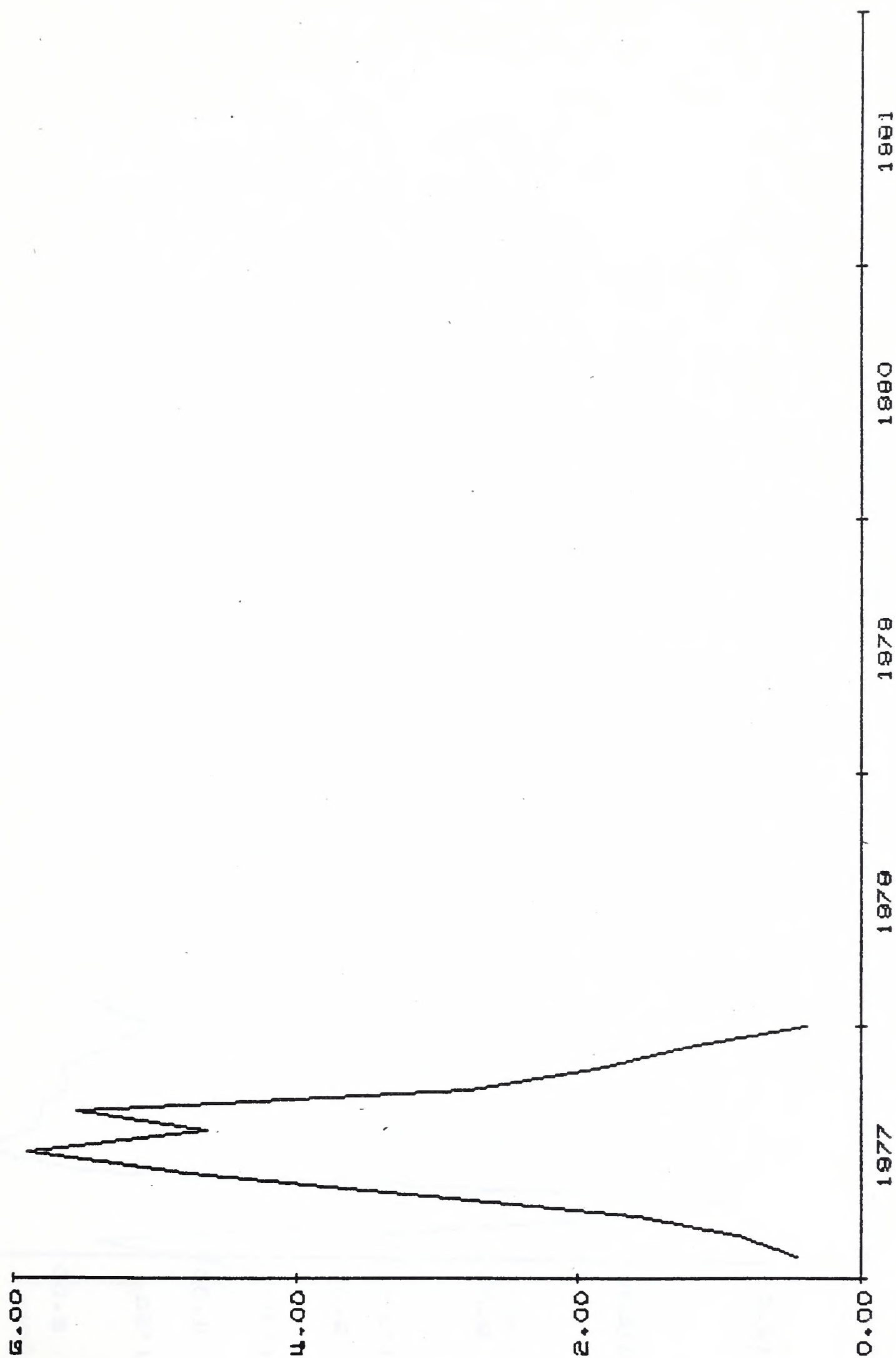
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SITE: BARSTOW

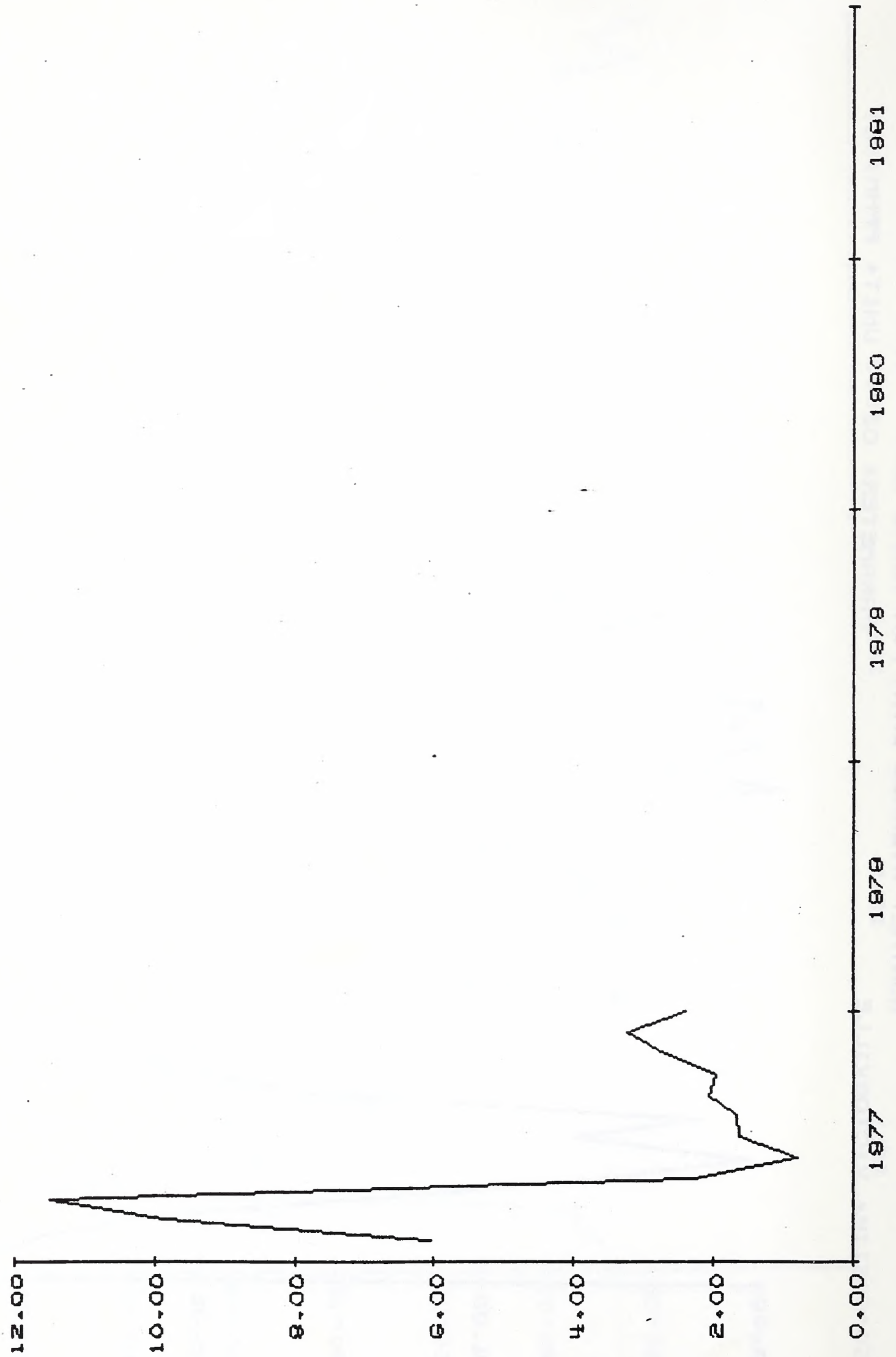


MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

SITE: VICTORVILLE PARAMETER: 09 UNIT: PPHM



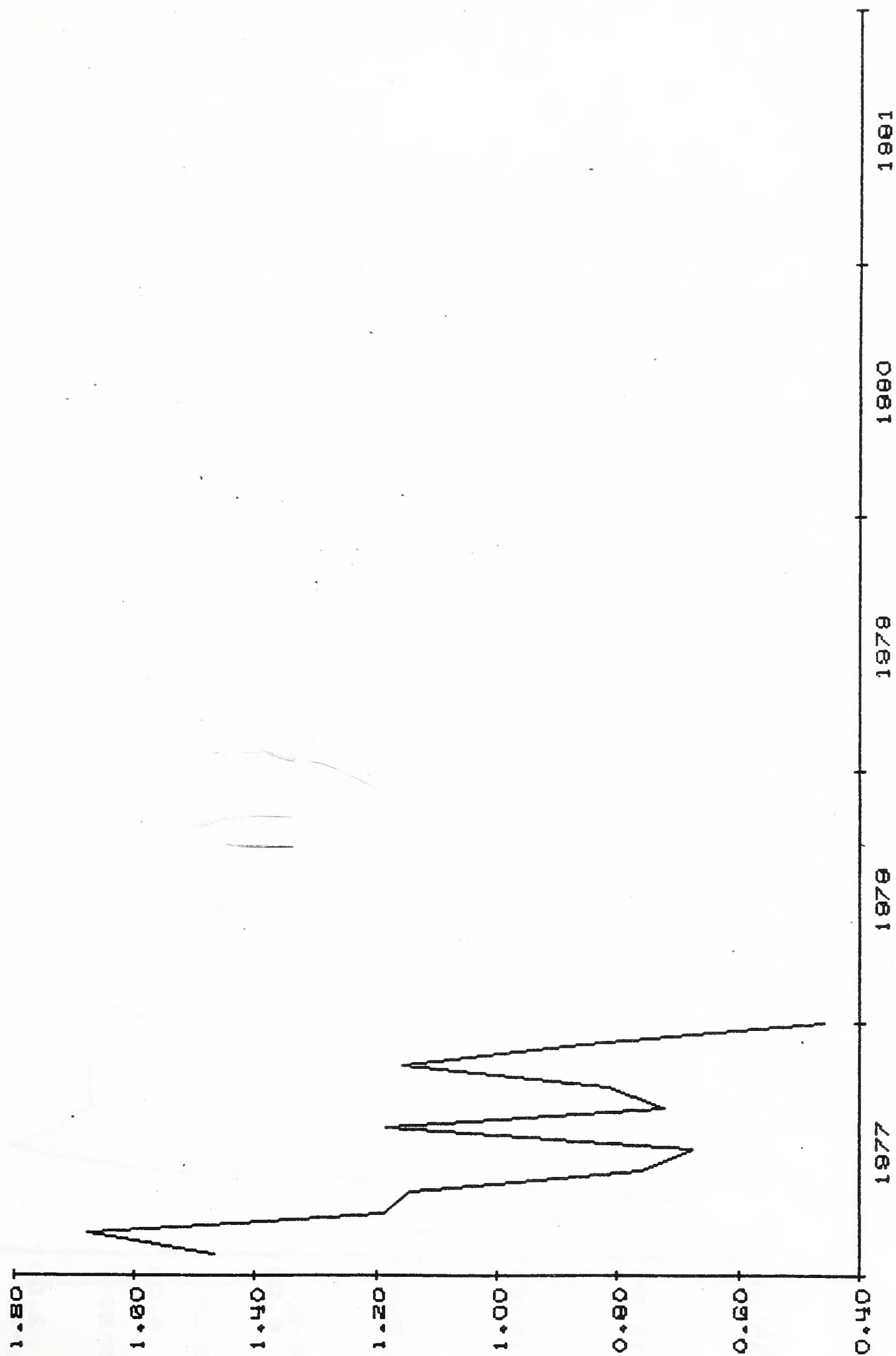
CALIFORNIA DESERT AIR WORKING GROUP
 MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981
 SITE • VICTORVILLE PARAMETER • NO UNIT • PPHM



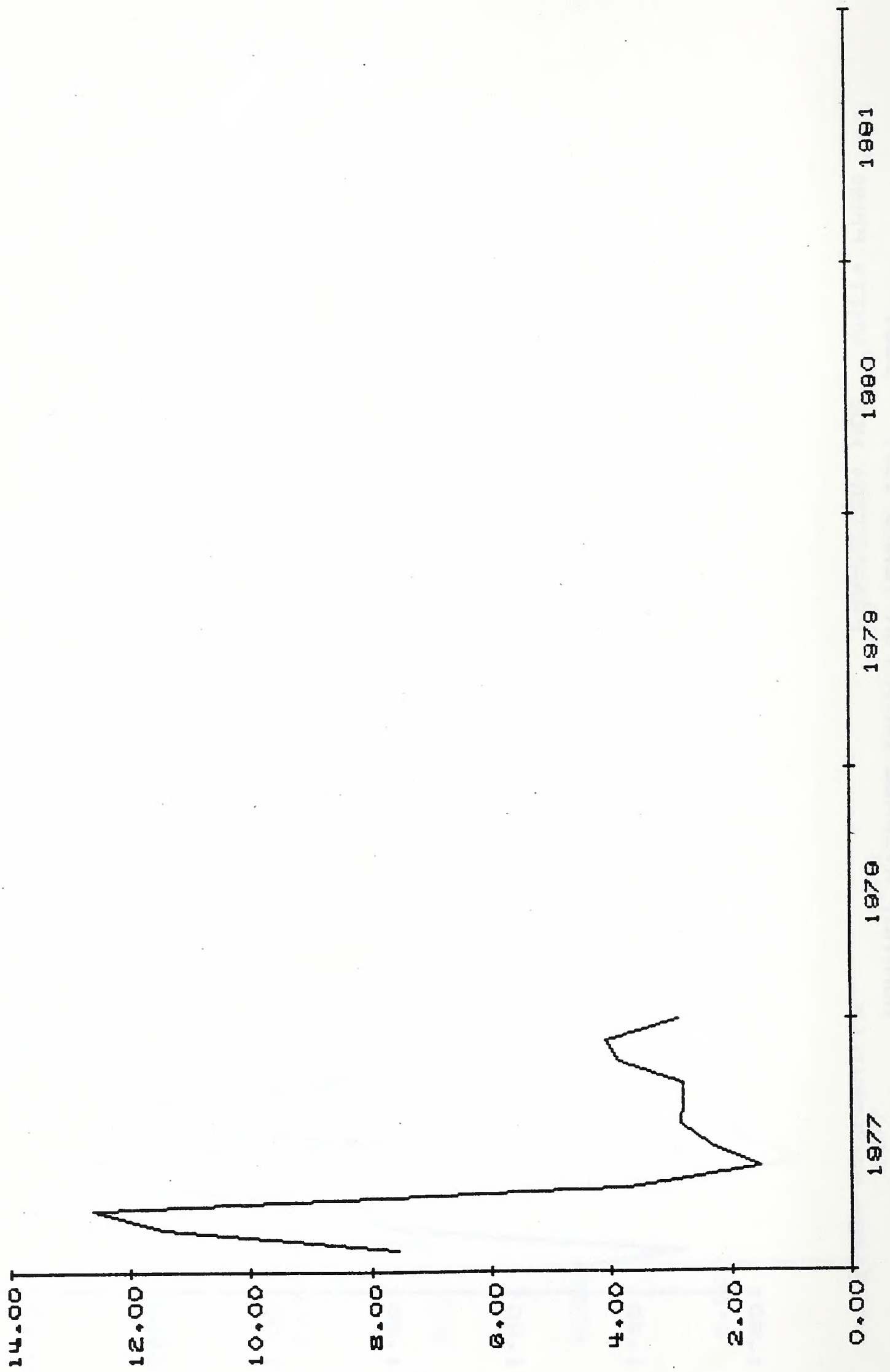
CALIFORNIA DESERT AIR WORKING GROUP

MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

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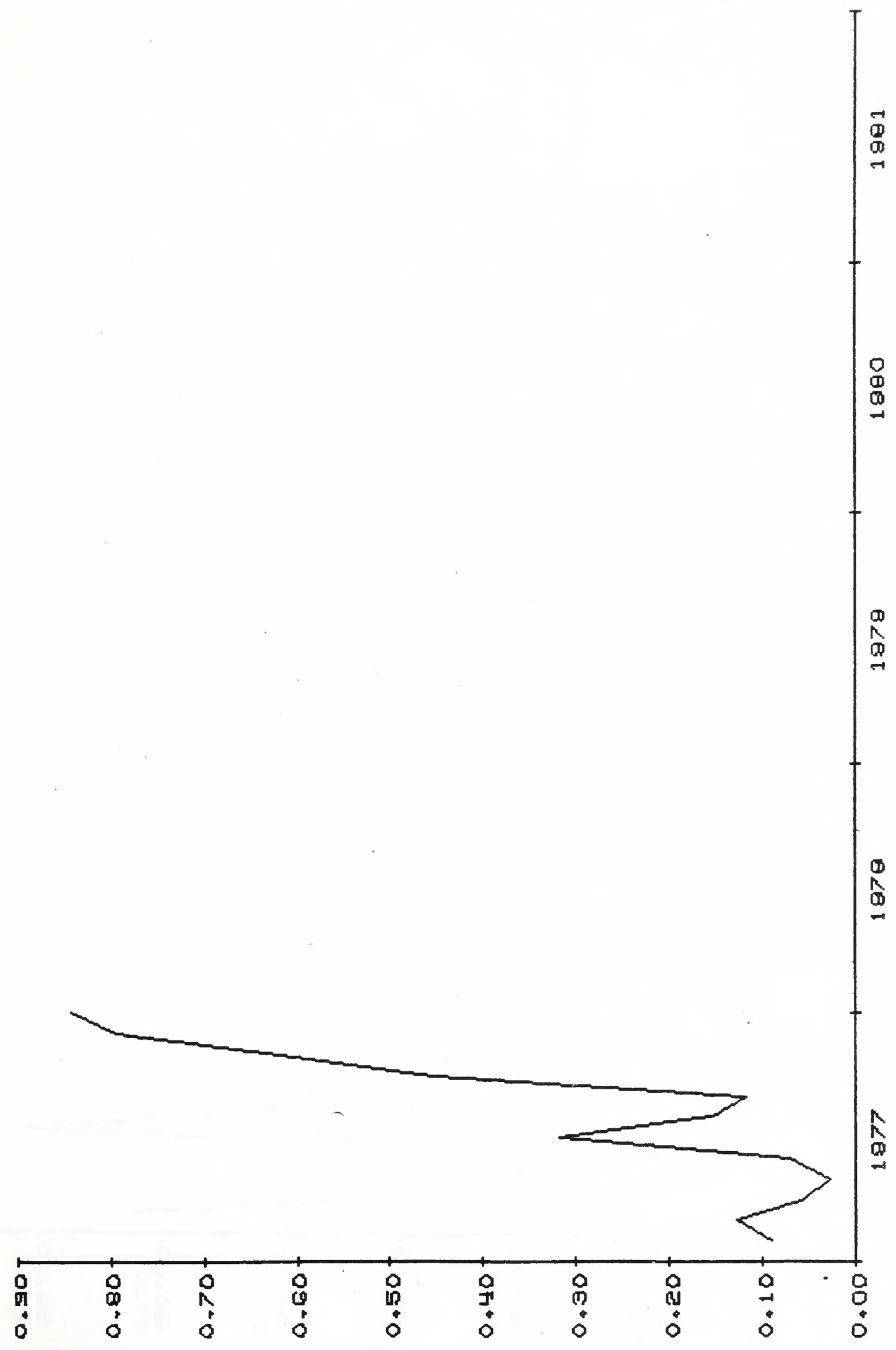


CALIFORNIA DESERT AIR WORKING GROUP
 MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981
 SITE: VICTORVILLE
 PARAMETER: NOX UNIT: PPHM



MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

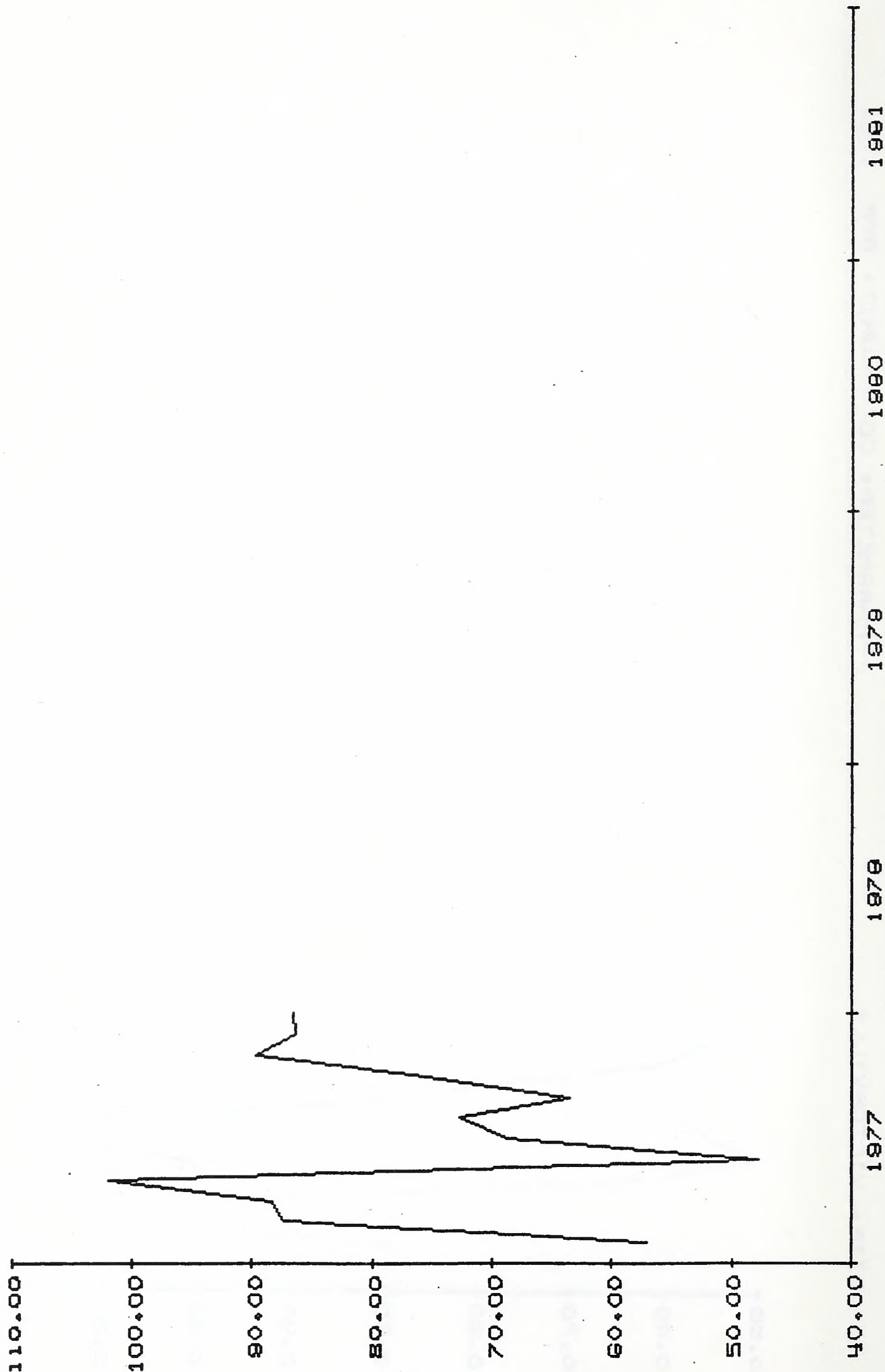
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CALIFORNIA DESERT AIR WORKING GROUP

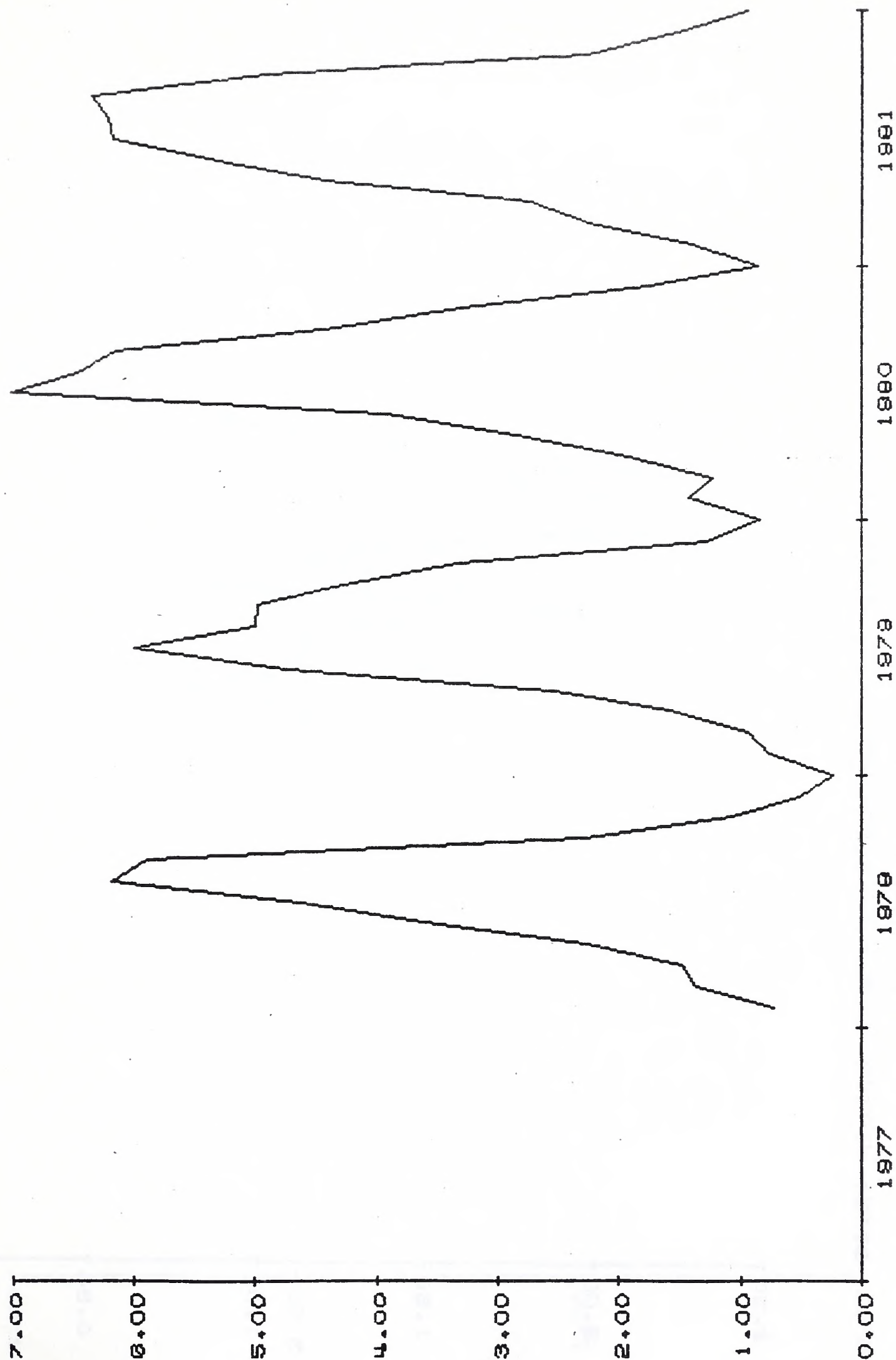
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SITE: VICTORVILLE PARAMETER: TSP UNIT: UG/M3



MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

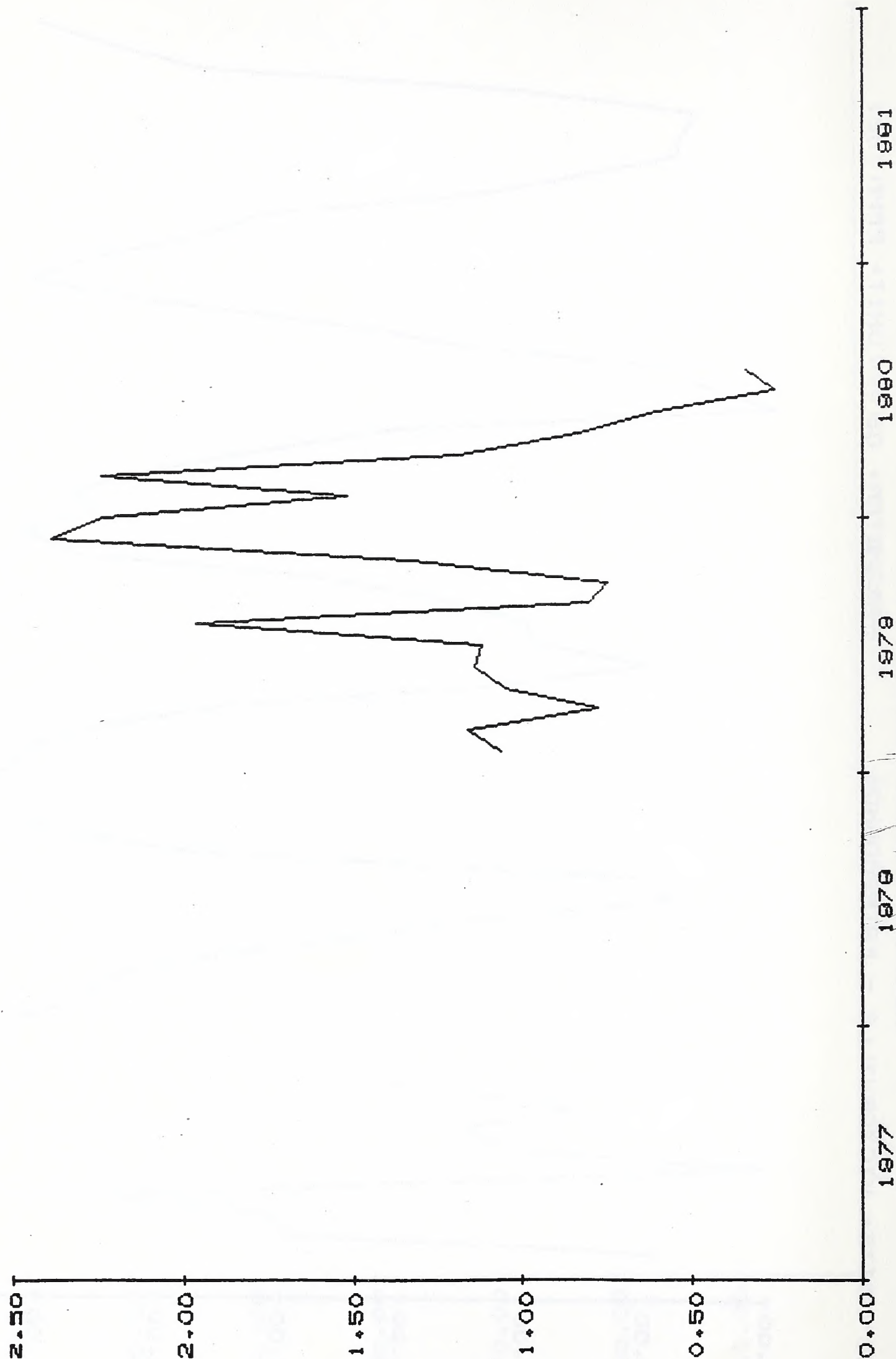
SITE: VICTORVILLE - FAIRGROUNDS PARAMETER: 09 UNIT: PPHM



CALIFORNIA DESERT AIR WORKING GROUP

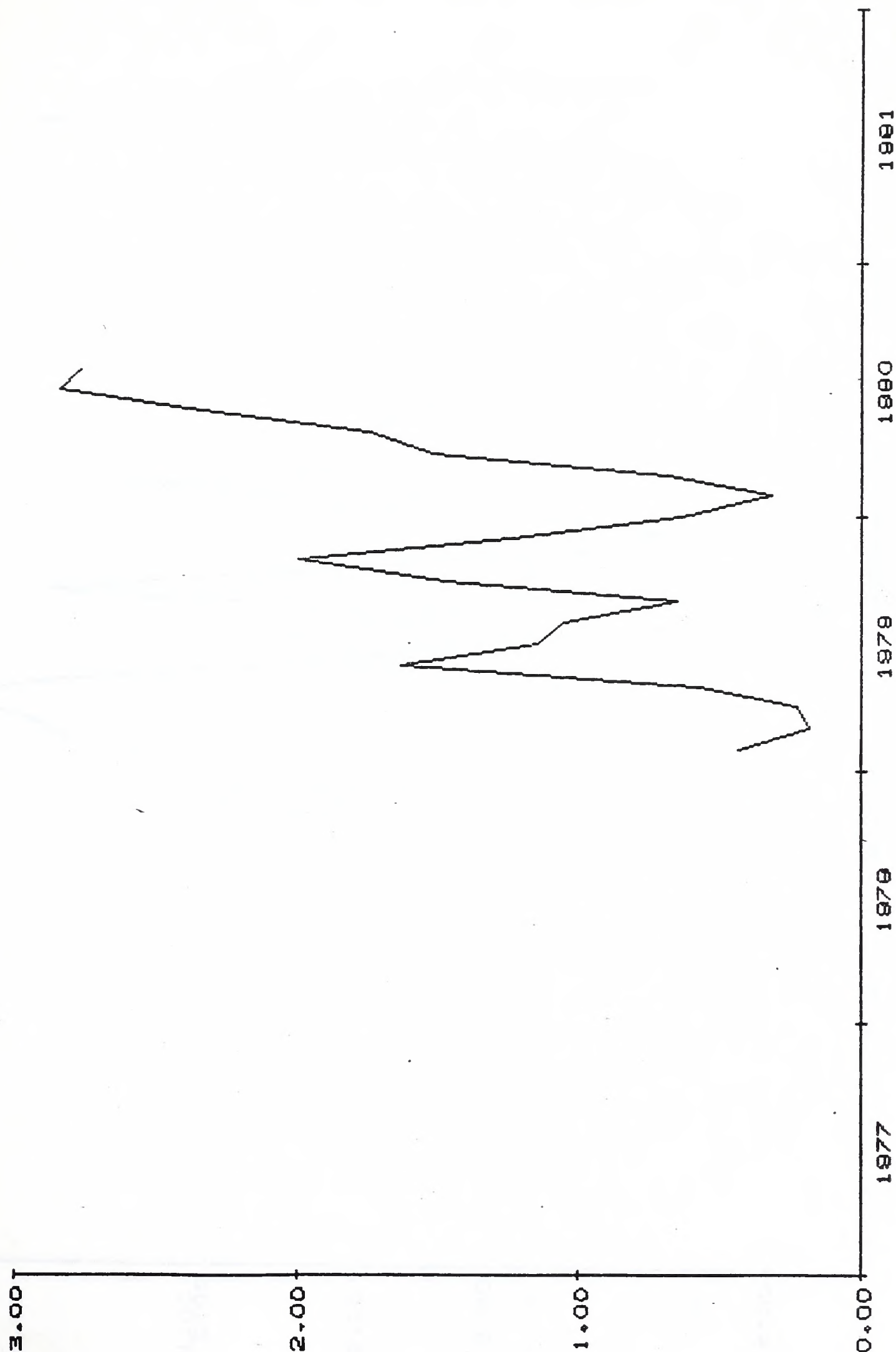
MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

SITE • VICTORVILLE - FAIRGROUNDS PARAMETER • NO UNIT • PPHM



MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

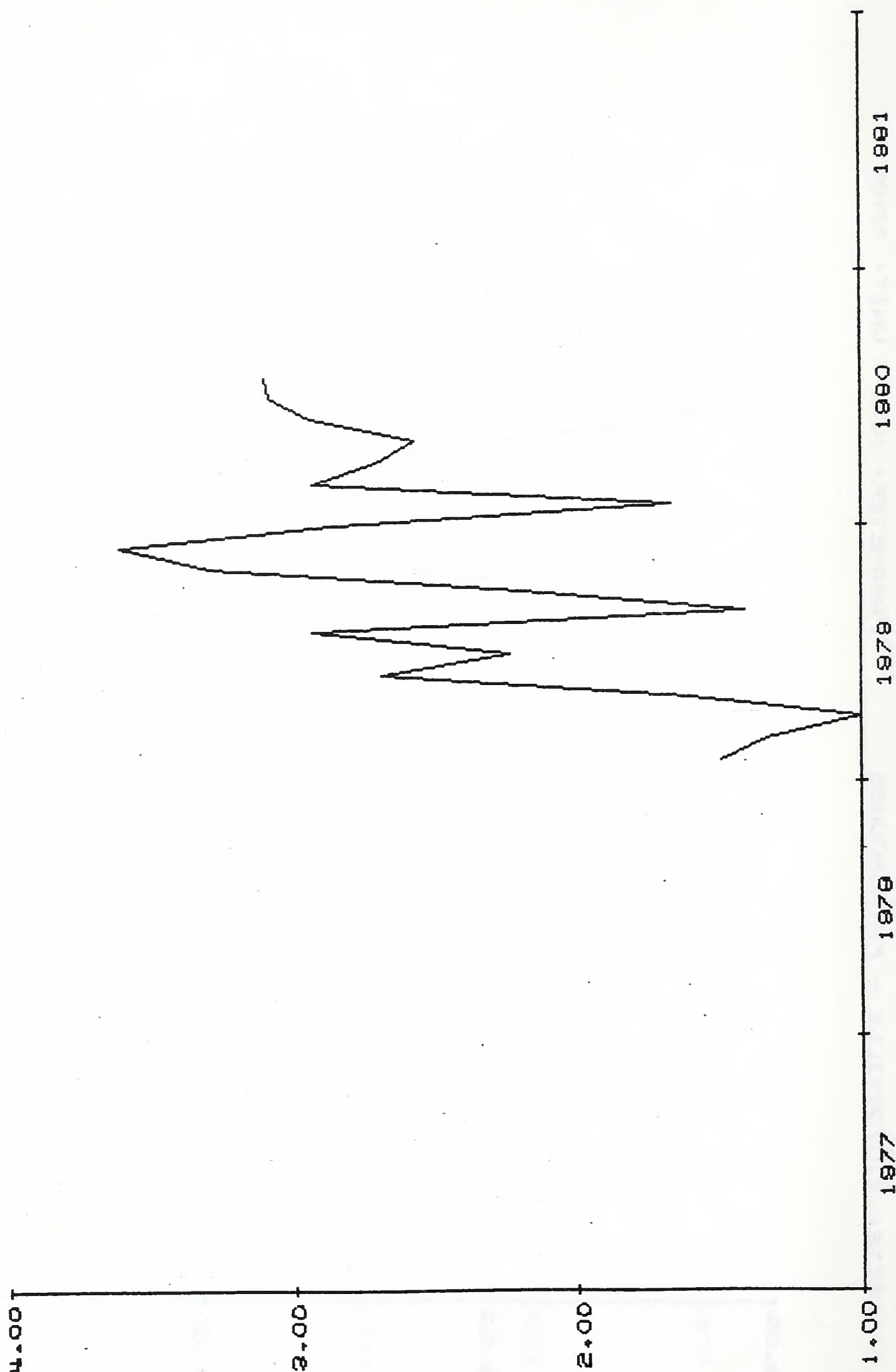
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CALIFORNIA DESERT AIR WORKING GROUP

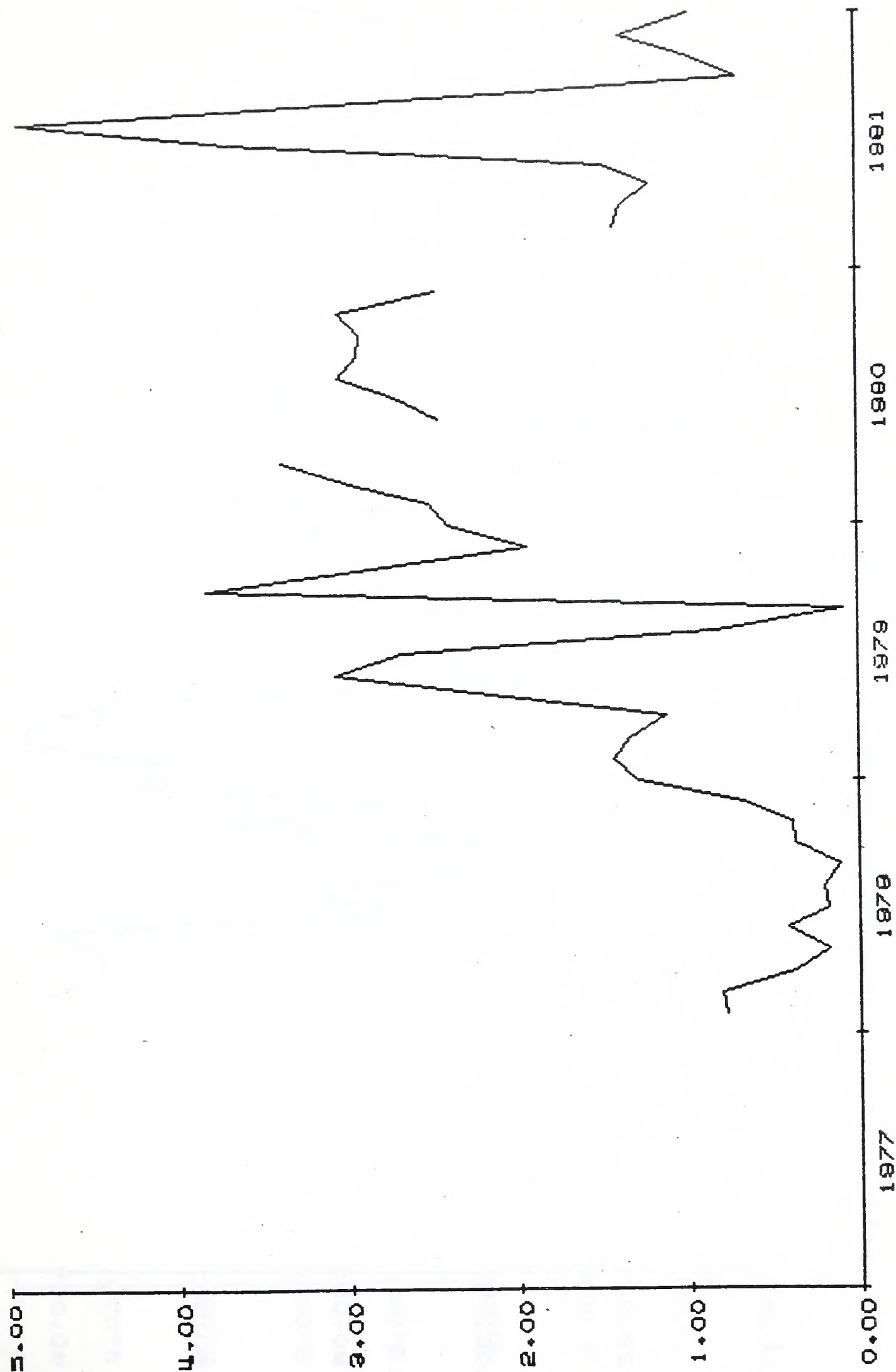
MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

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MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

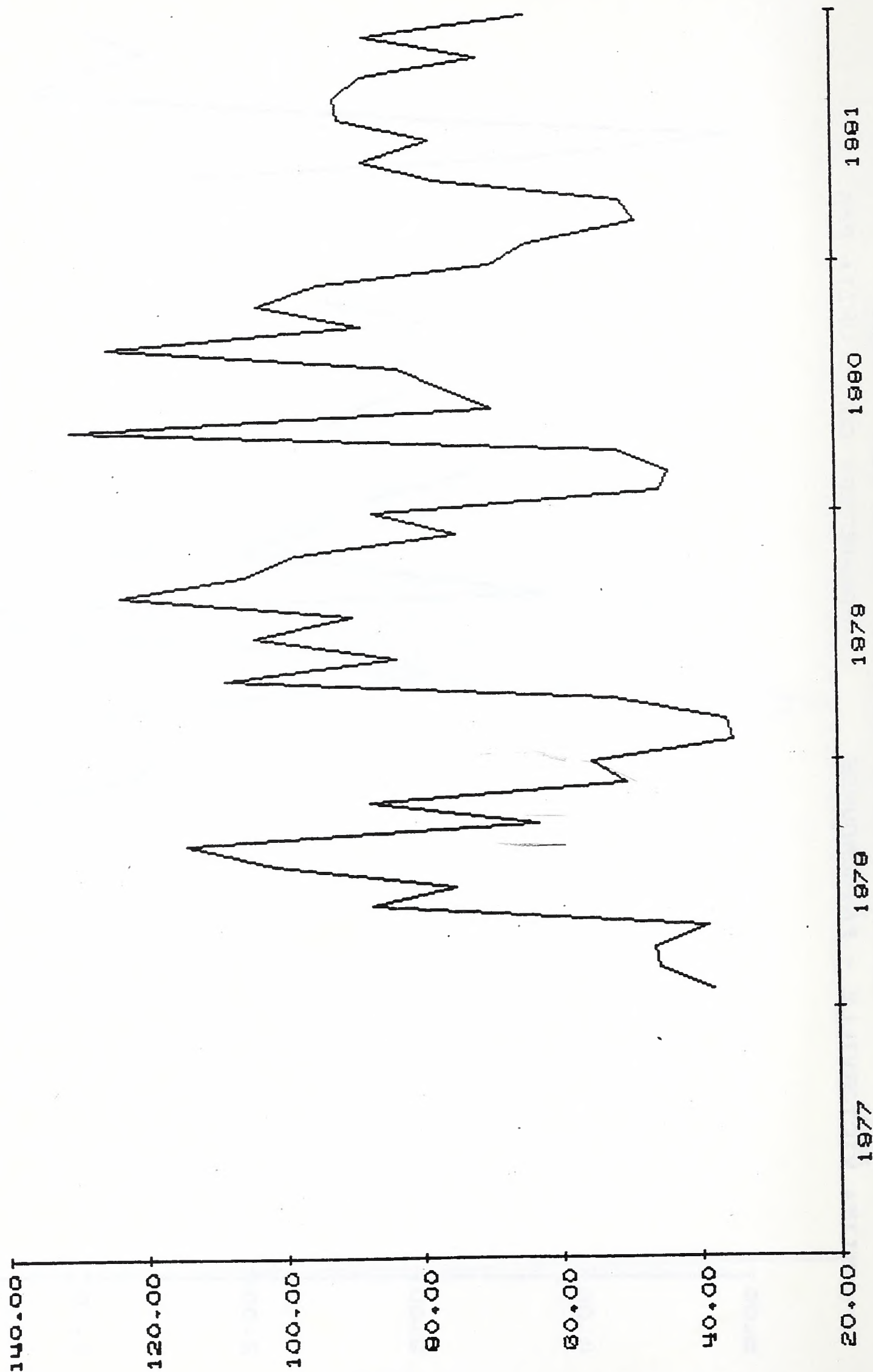
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CALIFORNIA DESERT AIR WORKING GROUP

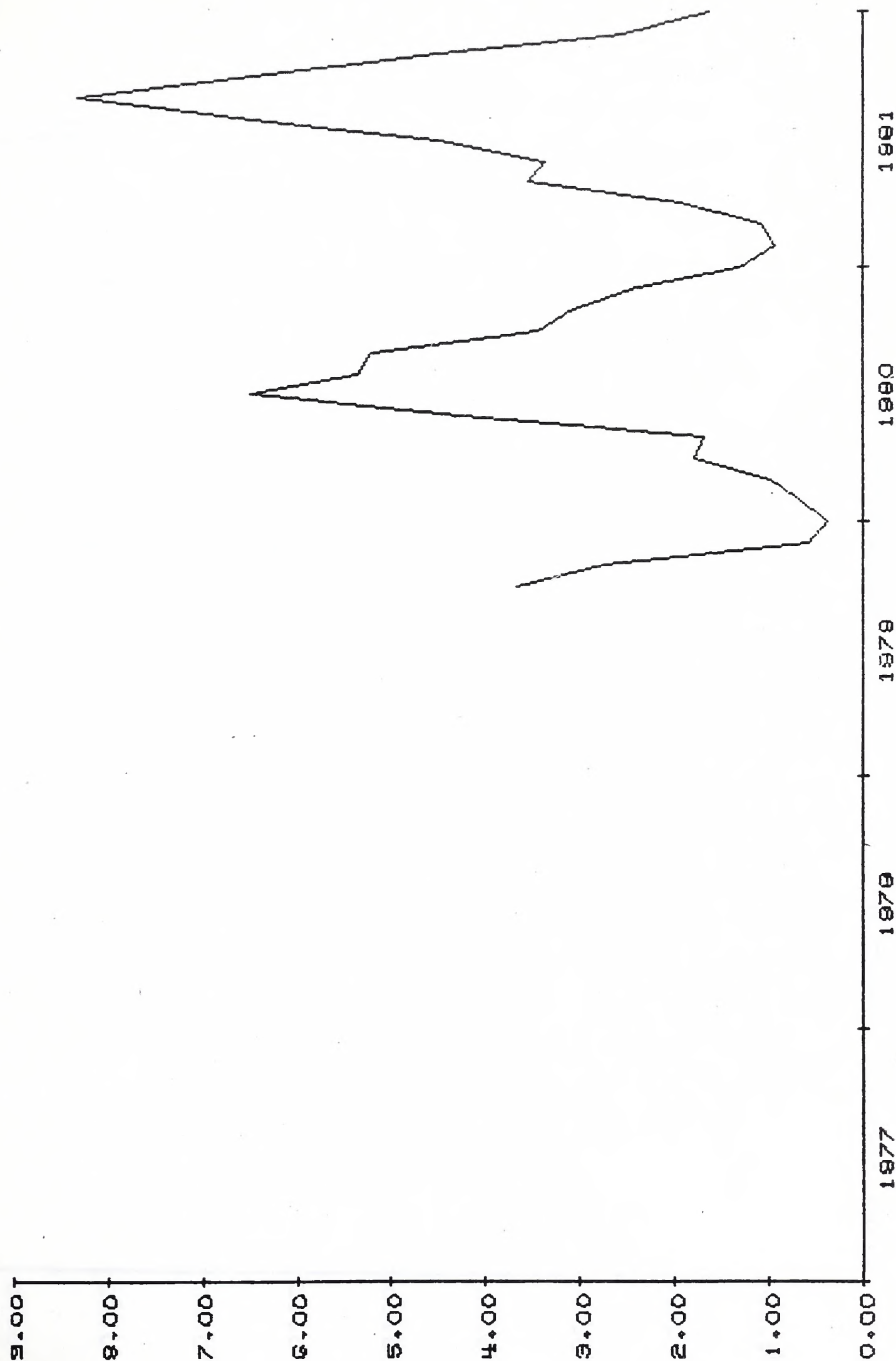
MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

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MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

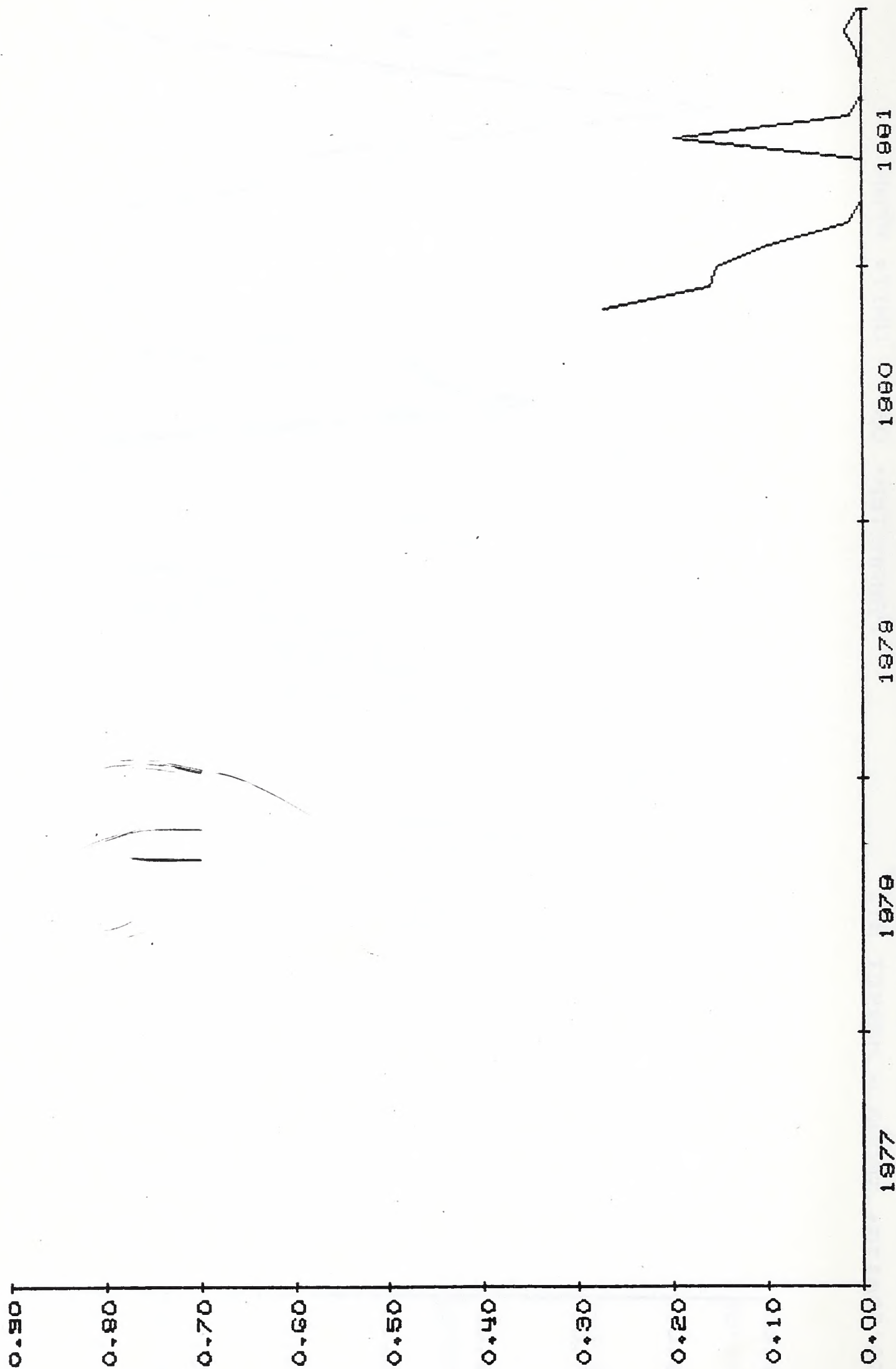
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CALIFORNIA DESERT AIR WORKING GROUP

MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

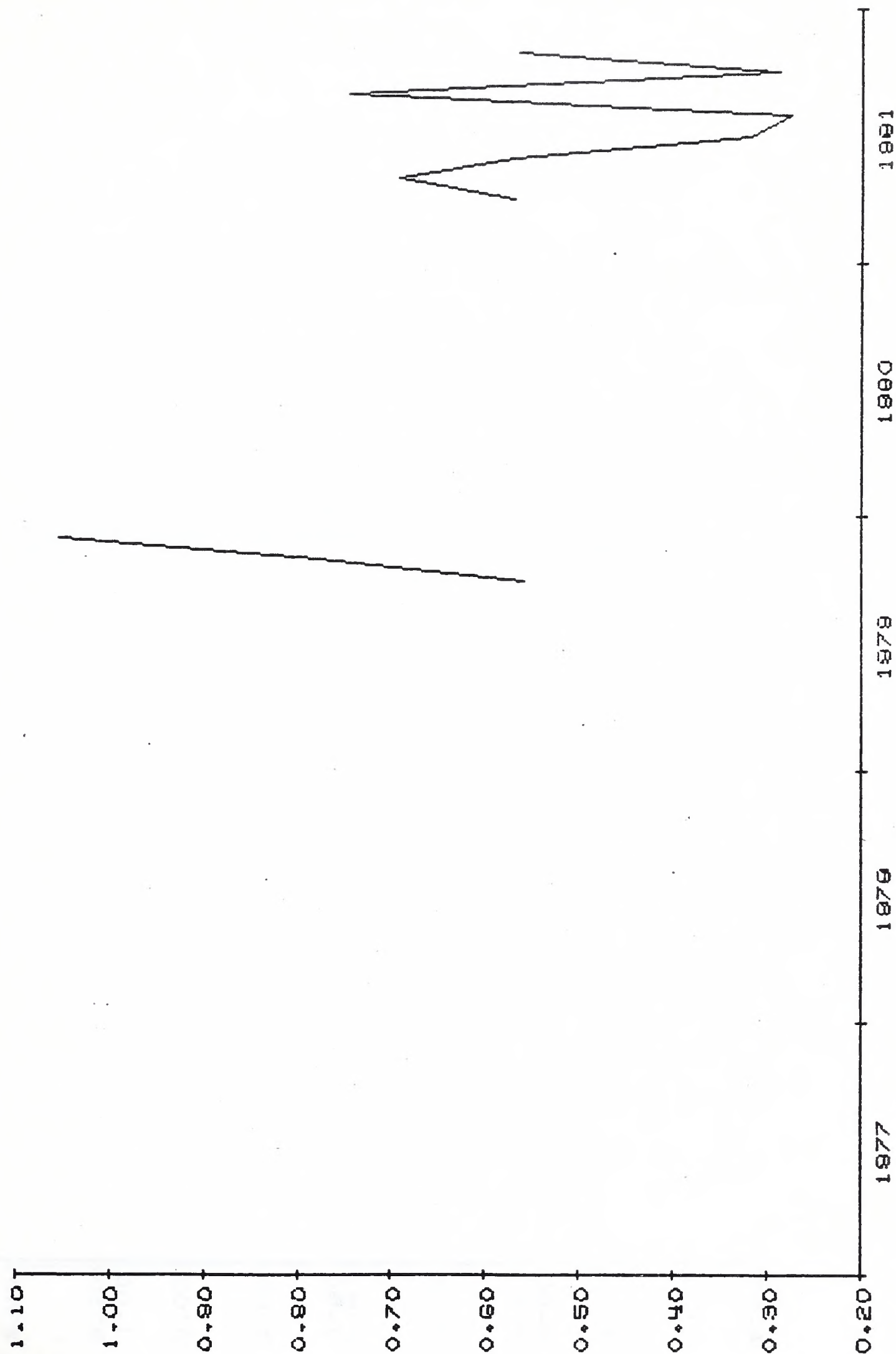
SITE: TRONA - MARKET ST. PARAMETER: SO2 UNIT: PPHM



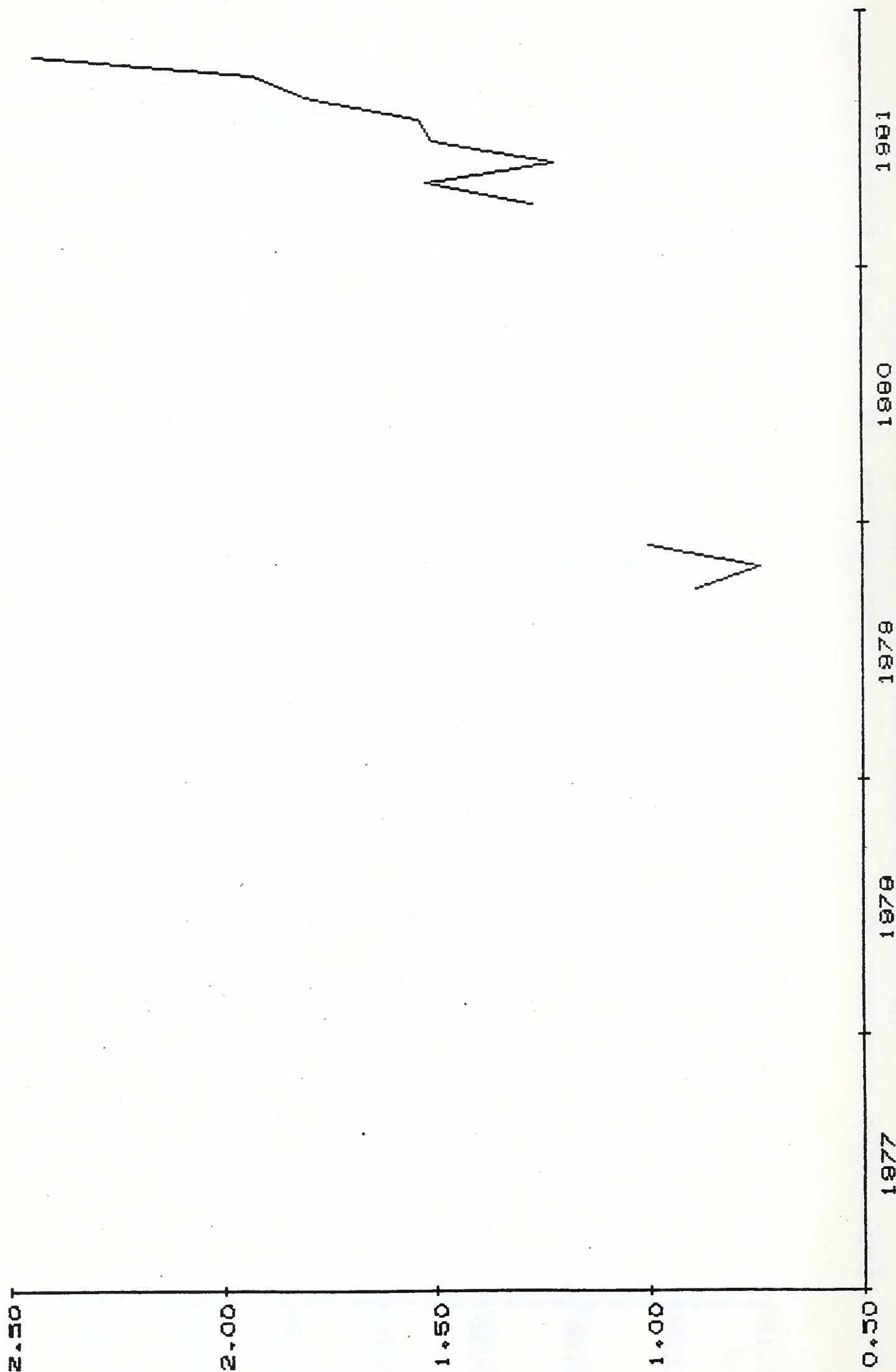
CALIFORNIA DESERT AIR WORKING GROUP

MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

SITE: TRONA - MARKET ST. PARAMETER: NO UNIT: PPHM

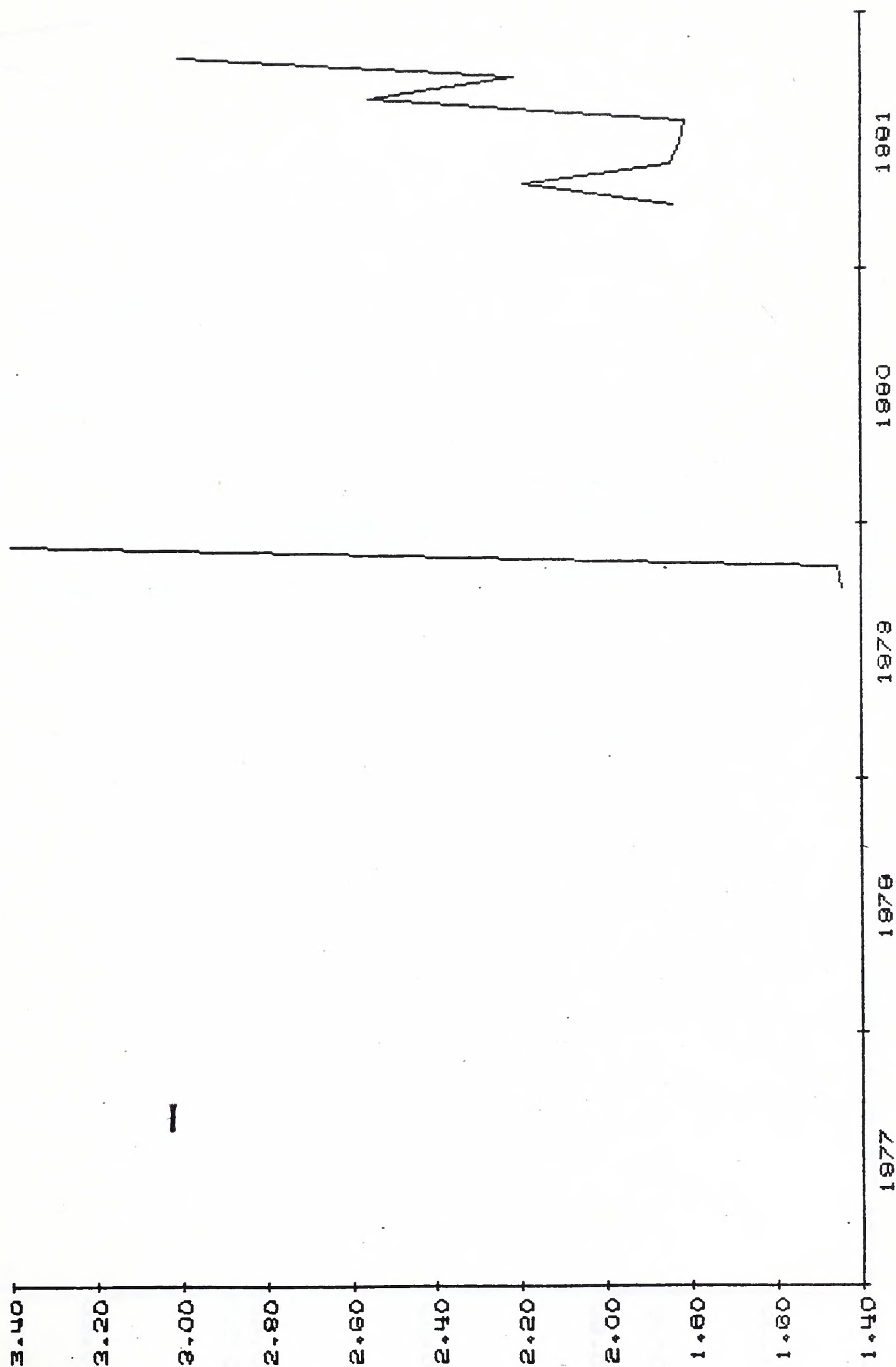


CALIFORNIA DESERT AIR WORKING GROUP
 MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981
 SITE: TRONA - MARKET ST. PARAMETER: NO2 UNIT: PPHM



MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

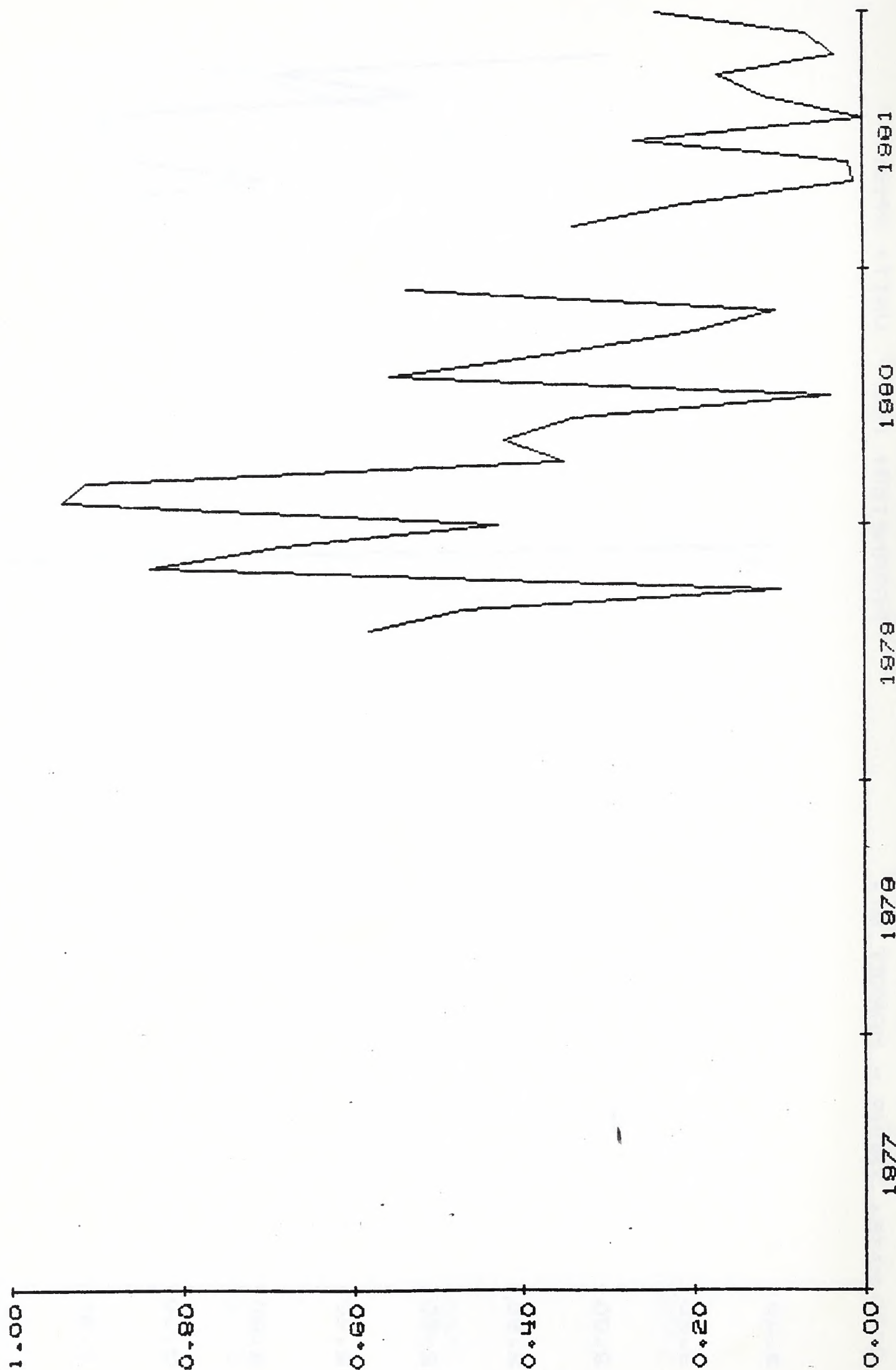
SITE: TRONA - MARKET ST. PARAMETER: NOX UNIT: PPHM



CALIFORNIA DESERT AIR WORKING GROUP

MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

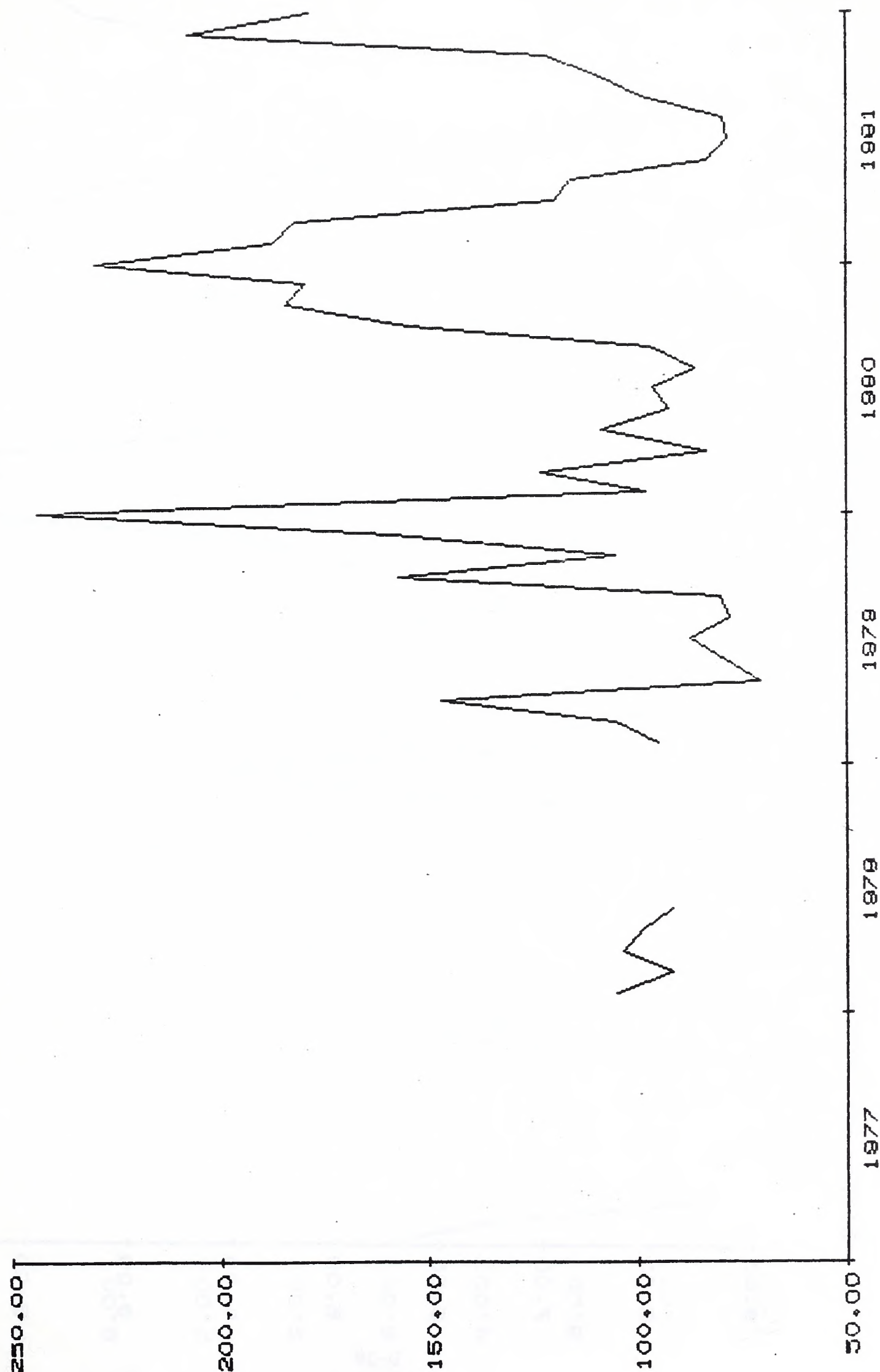
SITE: TRONA - MARKET ST. PARAMETER: CO UNIT: PPM



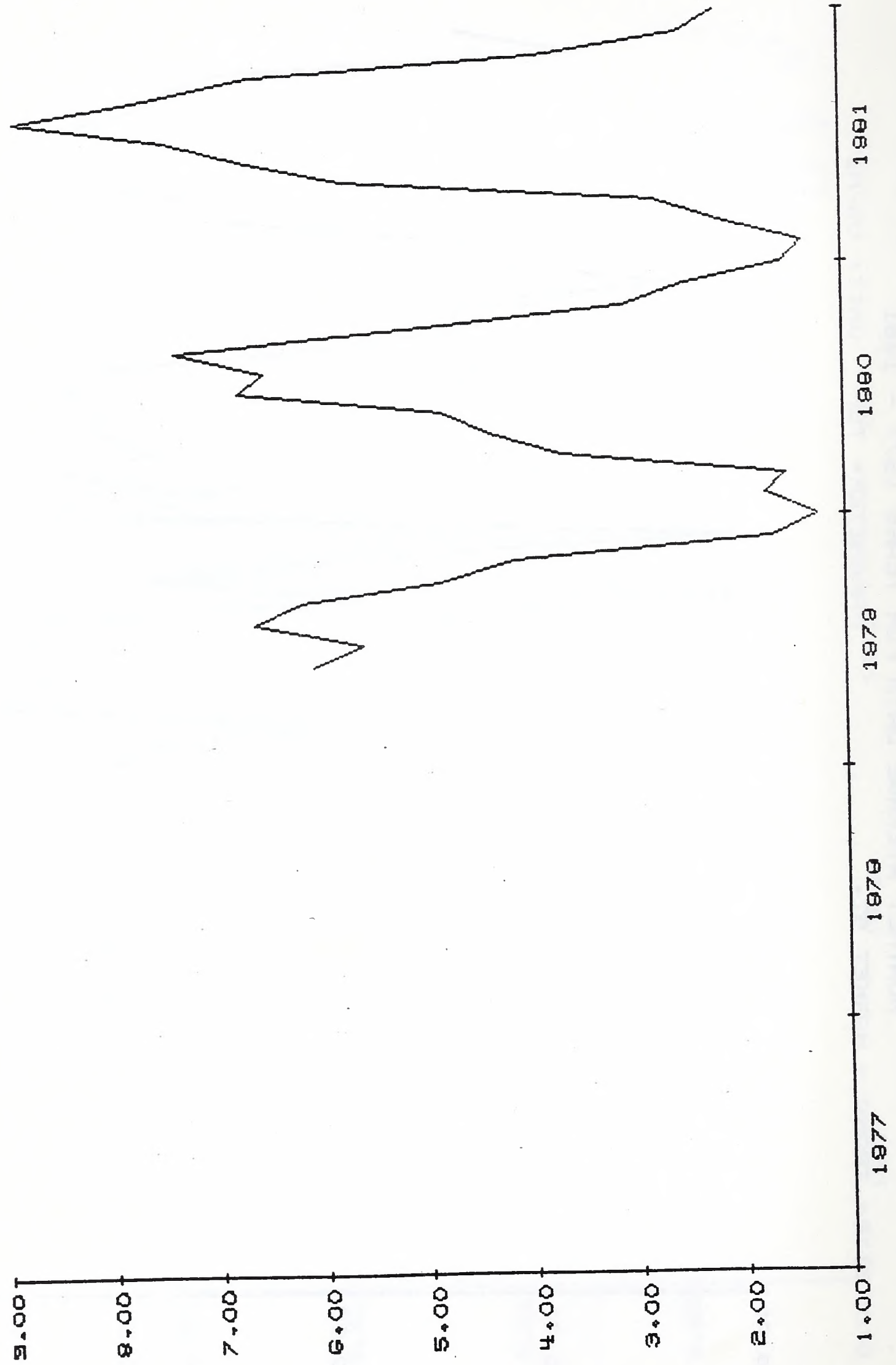
CALIFORNIA DESERT AIR WORKING GROUP

MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

SITE: TRONA - MARKET ST. PARAMETER: TSP UNIT: UG/M3



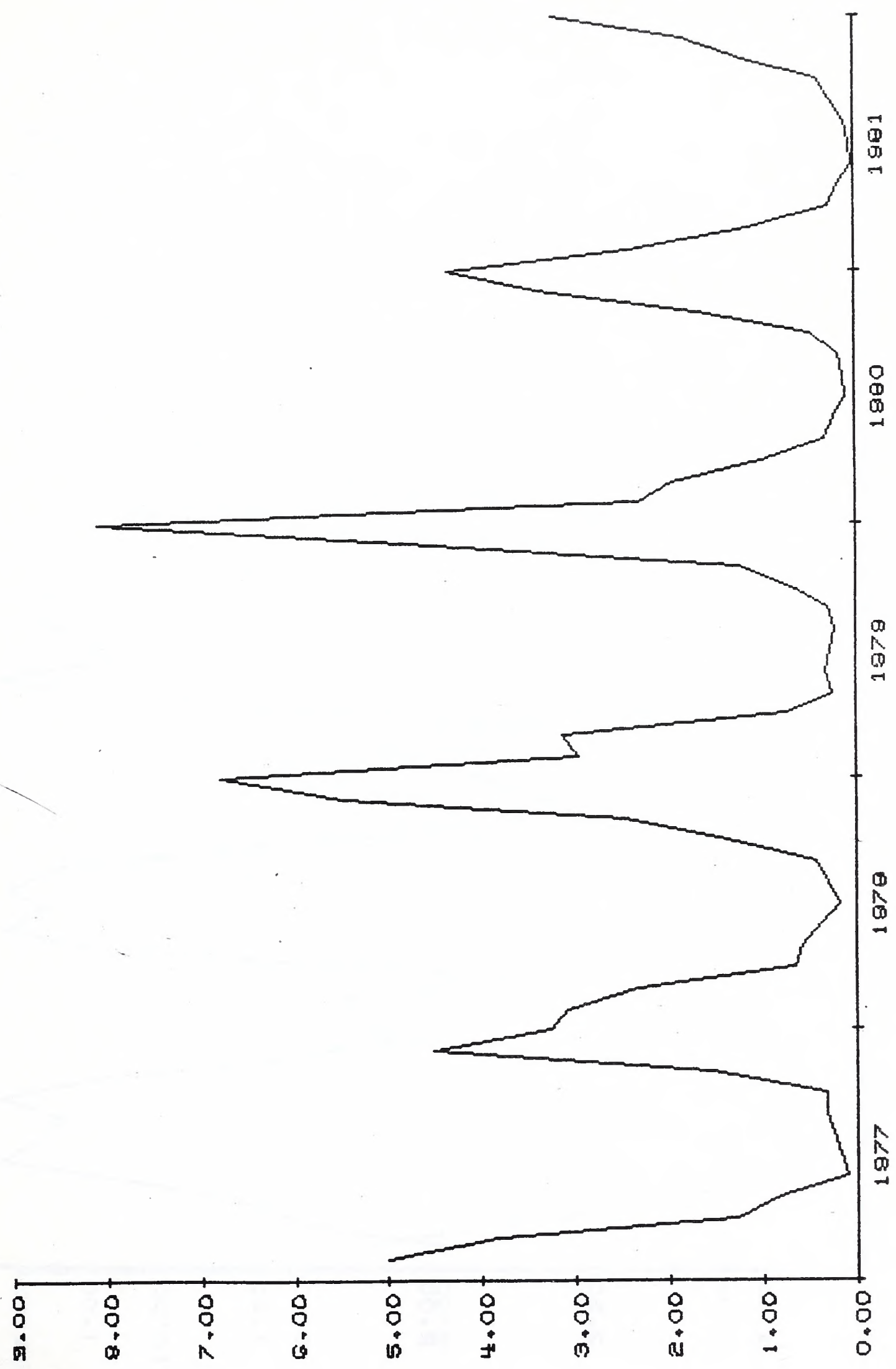
CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981
SITE: LANCASTER
PARAMETER: 09 UNIT: PPHM



MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

PARAMETER: NO UNIT: PPHM

SITE: LANCASTER

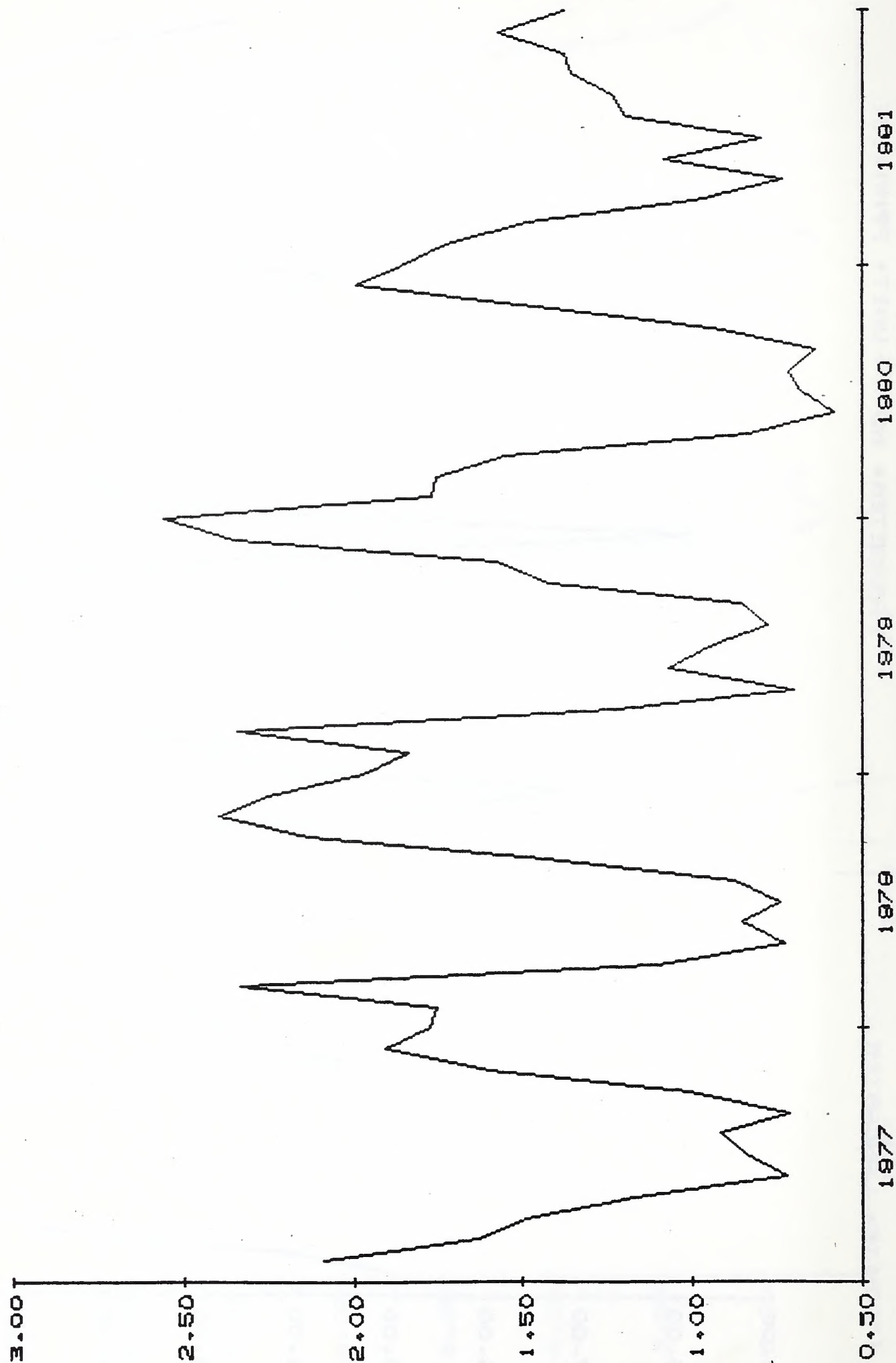


CALIFORNIA DESERT AIR WORKING GROUP

MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

SITE • LANCASTER

PARAMETER • NO2 UNIT • PPHM

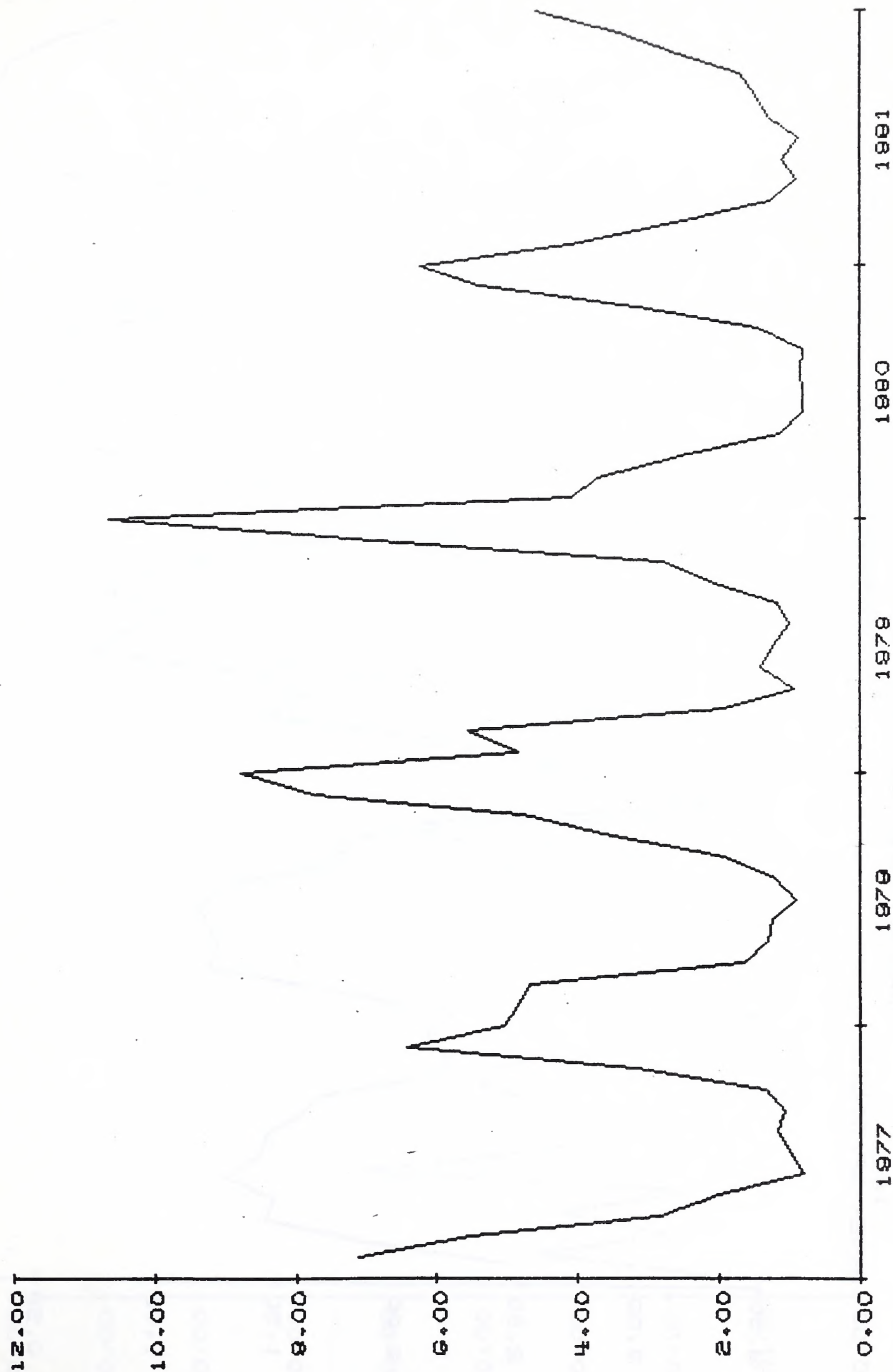


CALIFORNIA DESERT AIR WORKING GROUP

MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

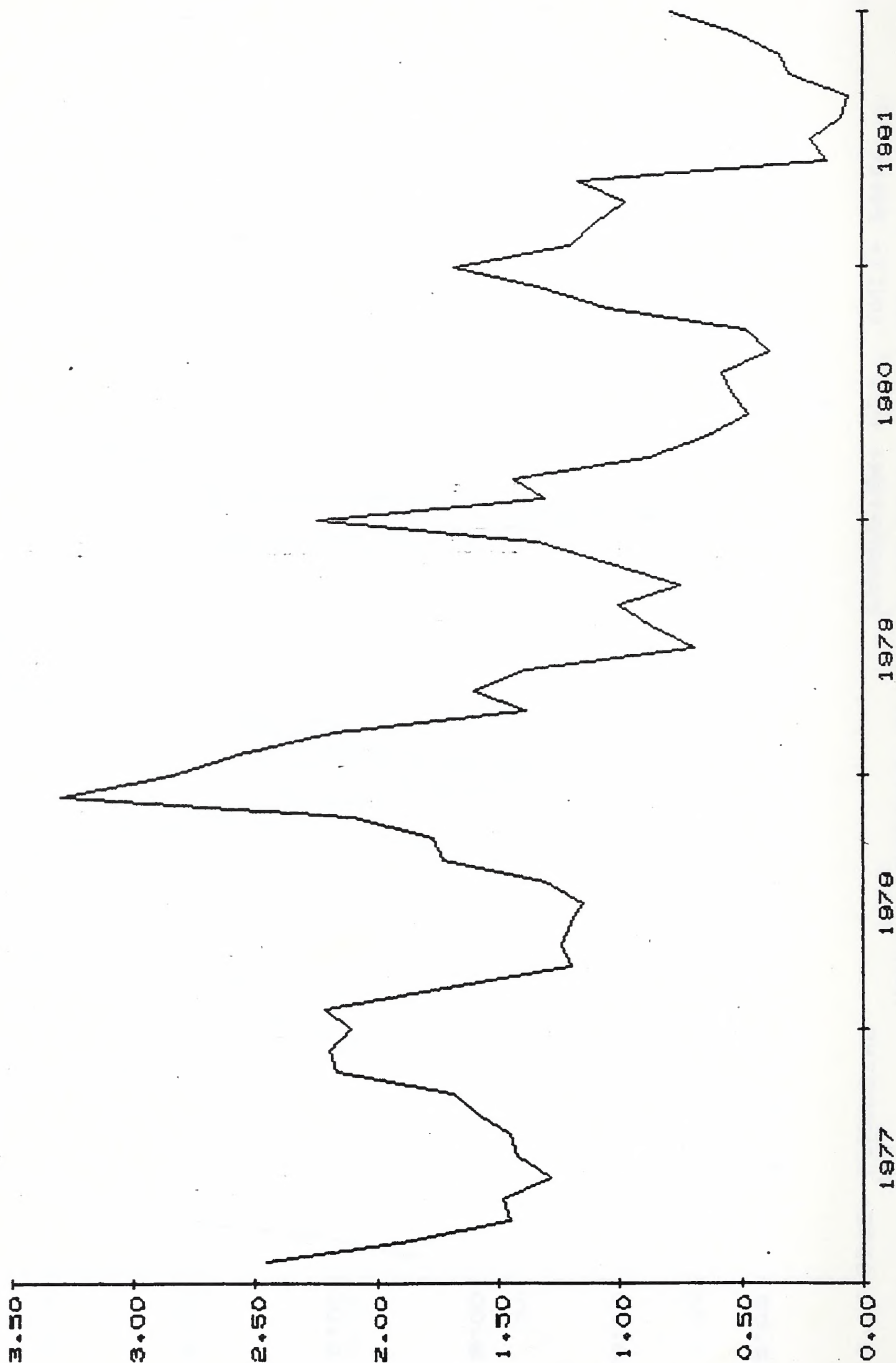
SITE • LANCASTER

PARAMETER • NOX UNIT • PPHM



CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

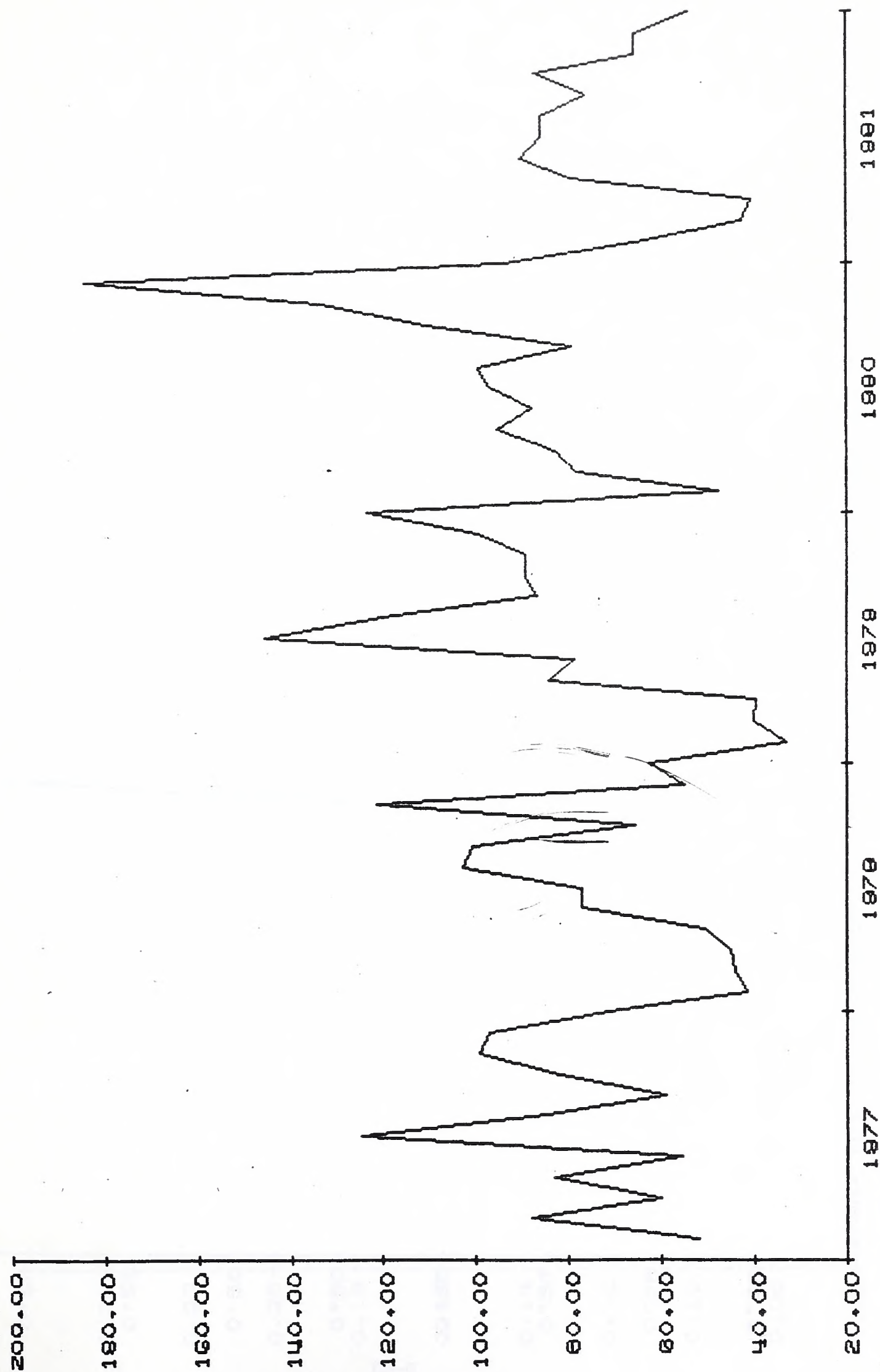
SITE: LANCASTER
PARAMETER: CO UNIT: PPM



MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

PARAMETER: TSP UNIT: UG/M3

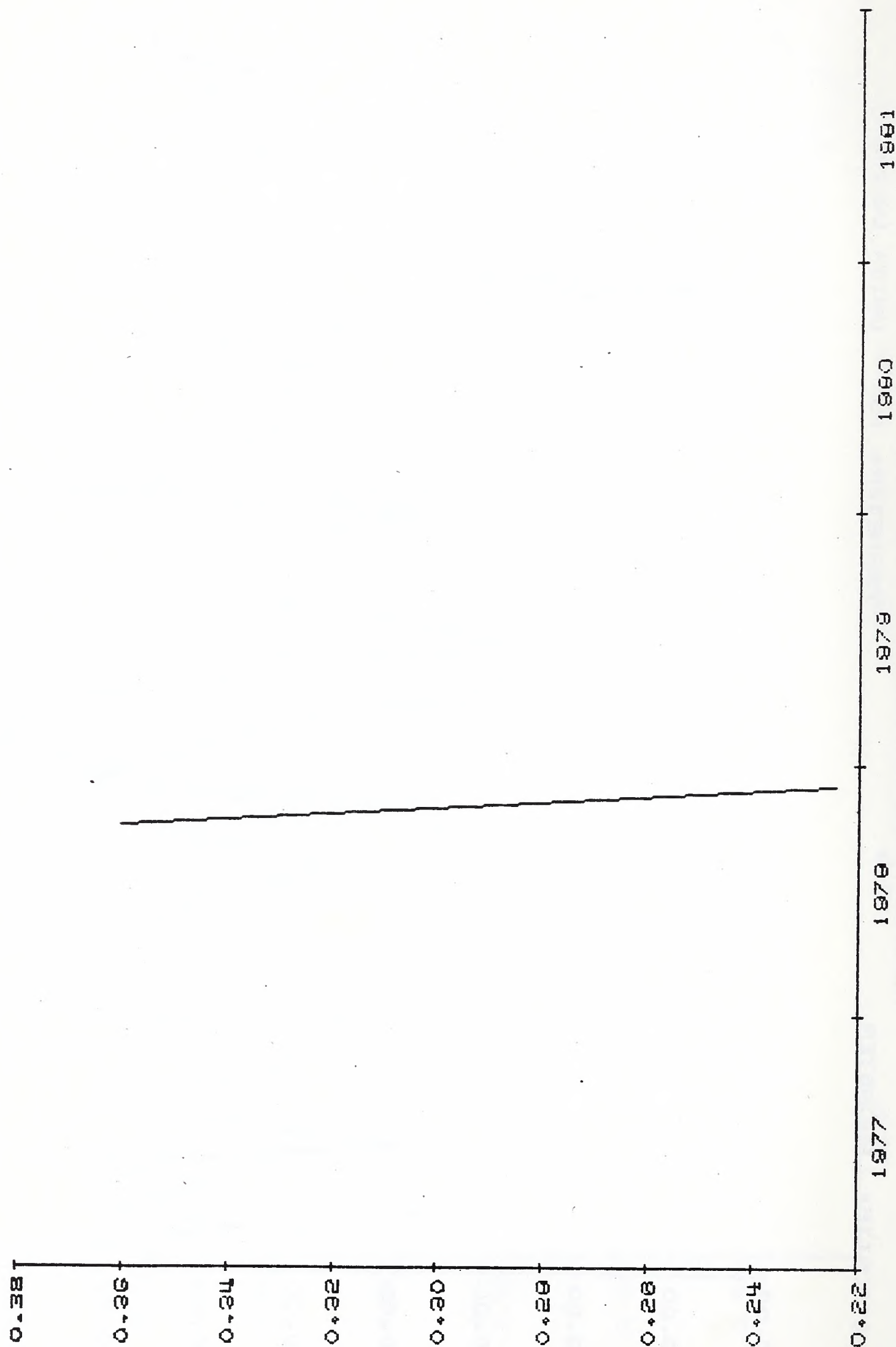
SITE: LANCASTER



CALIFORNIA DESERT AIR WORKING GROUP

MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

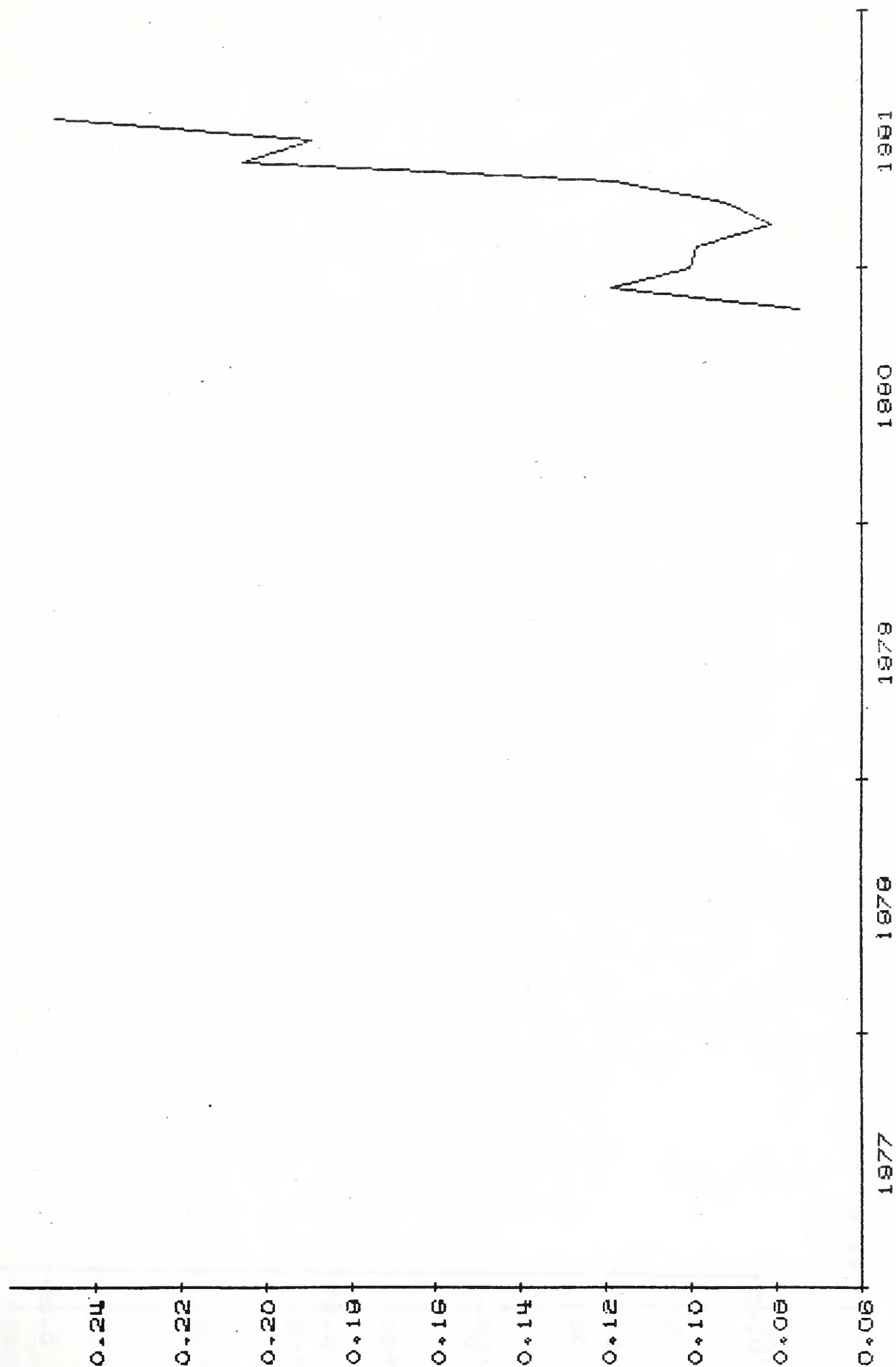
SITE: NWC - COSO DRILL PARAMETER: BSCT UNIT: BETA SCAT



CALIFORNIA DESERT AIR WORKING GROUP

MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

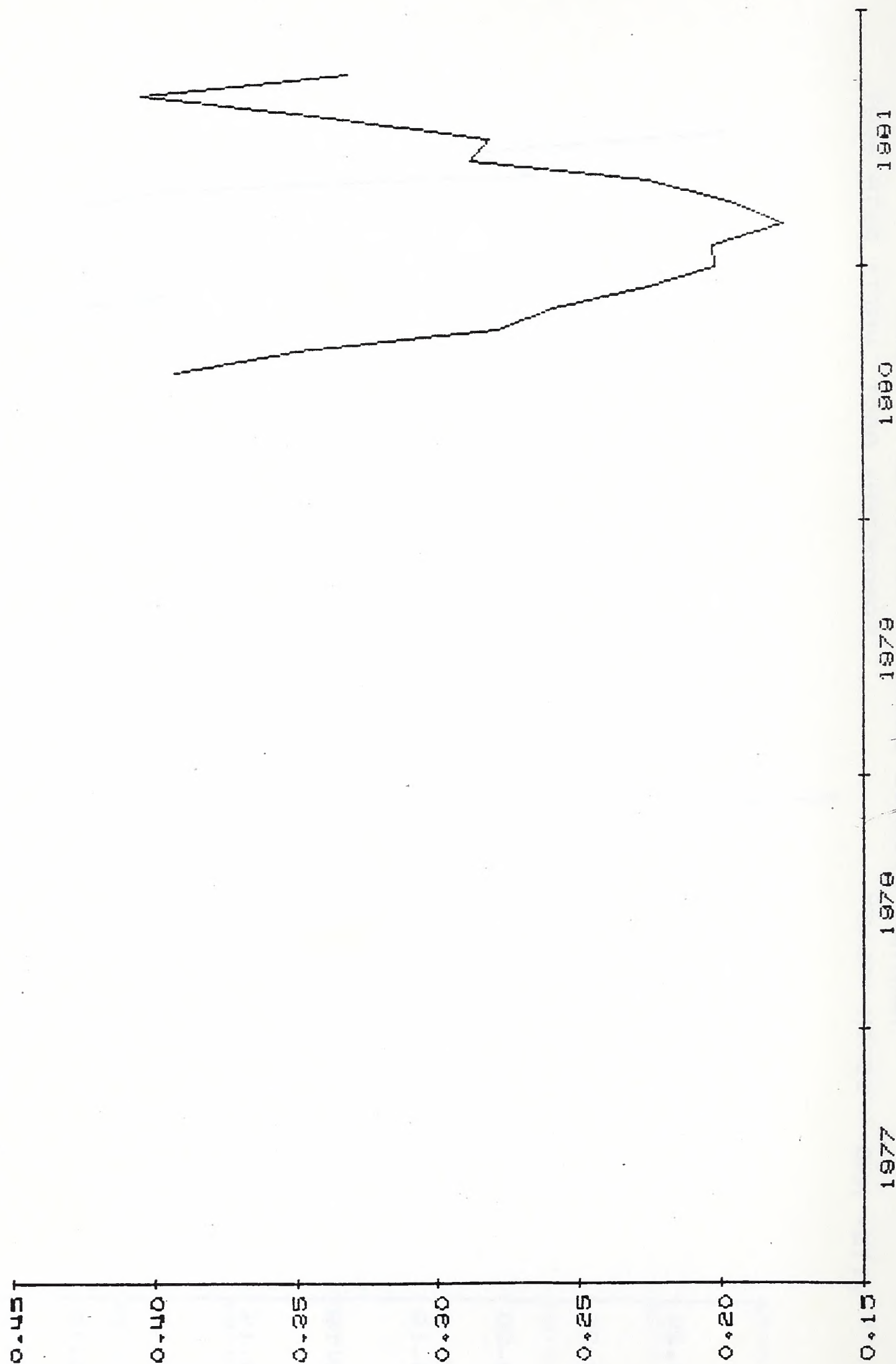
SITE: NWC - DEATH VALLEY PARAMETER: BSCT UNIT: BETA SCAT



CALIFORNIA DESERT AIR WORKING GROUP

MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

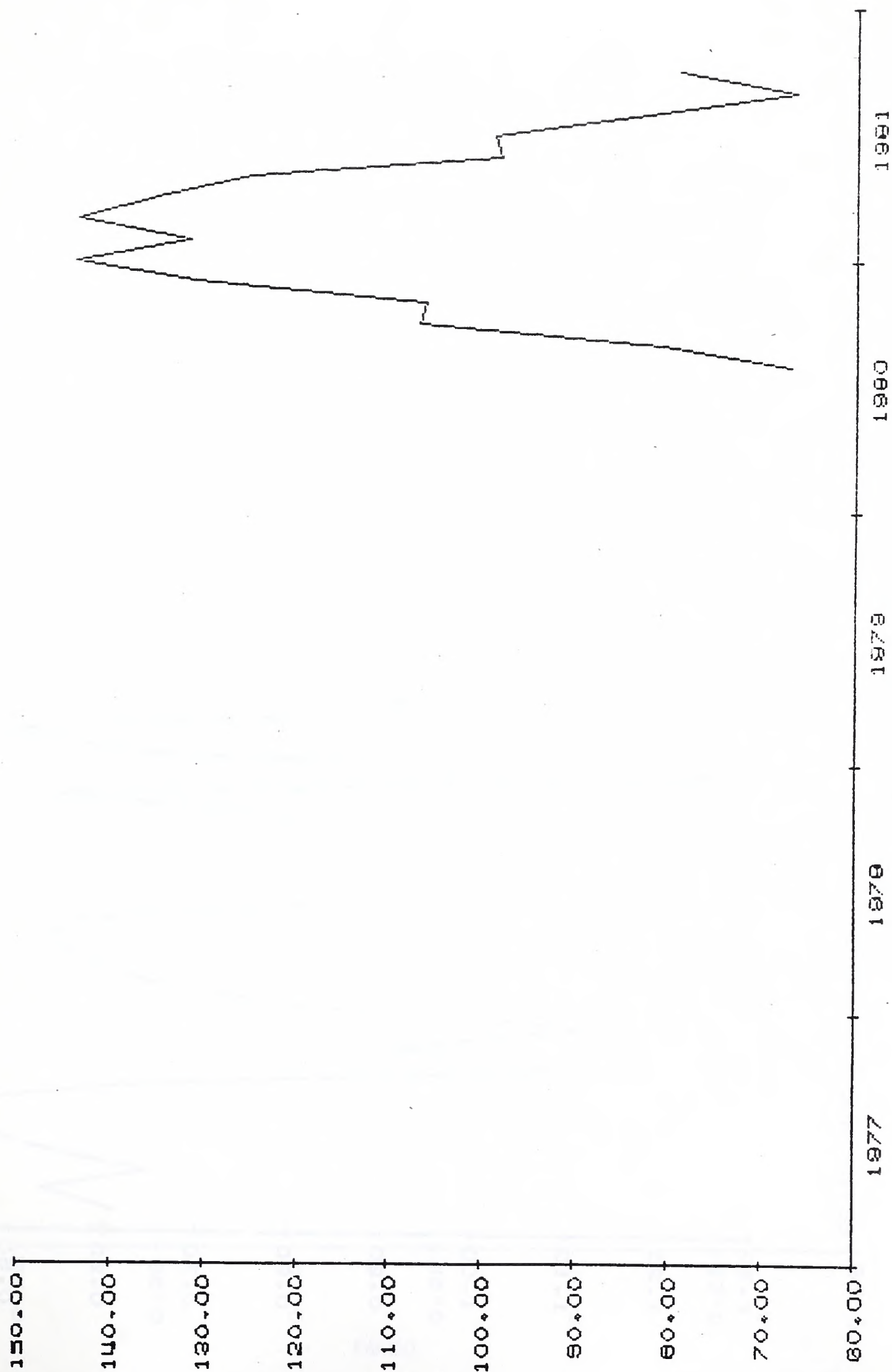
SITE* ARMY - DEATH VALLEY PARAMETER* BSCT UNIT* BETA SCAT



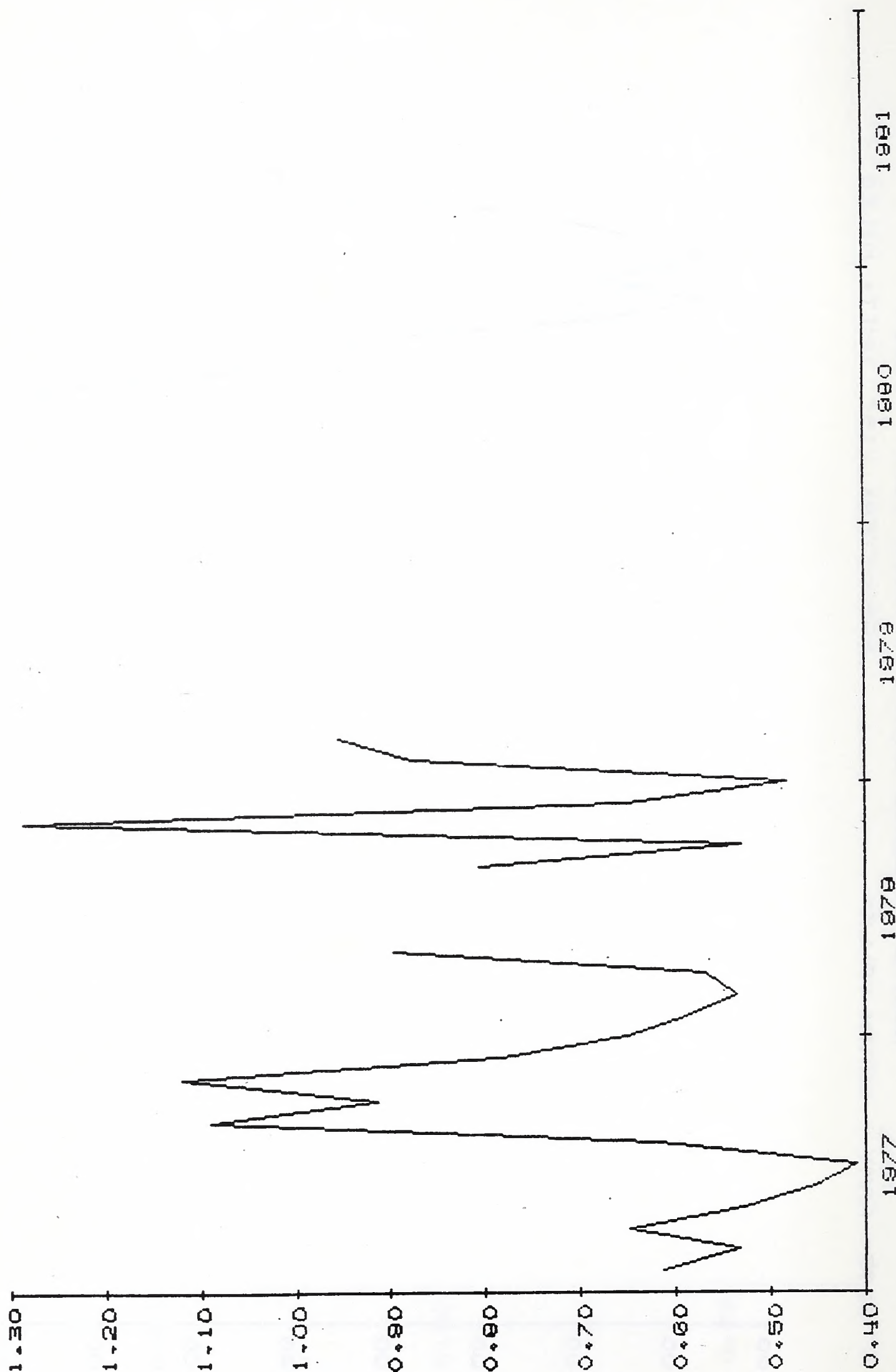
CALIFORNIA DESERT AIR WORKING GROUP

MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

SITE: ARMY - DEATH VALLEY PARAMETER: VISI UNIT: MILES



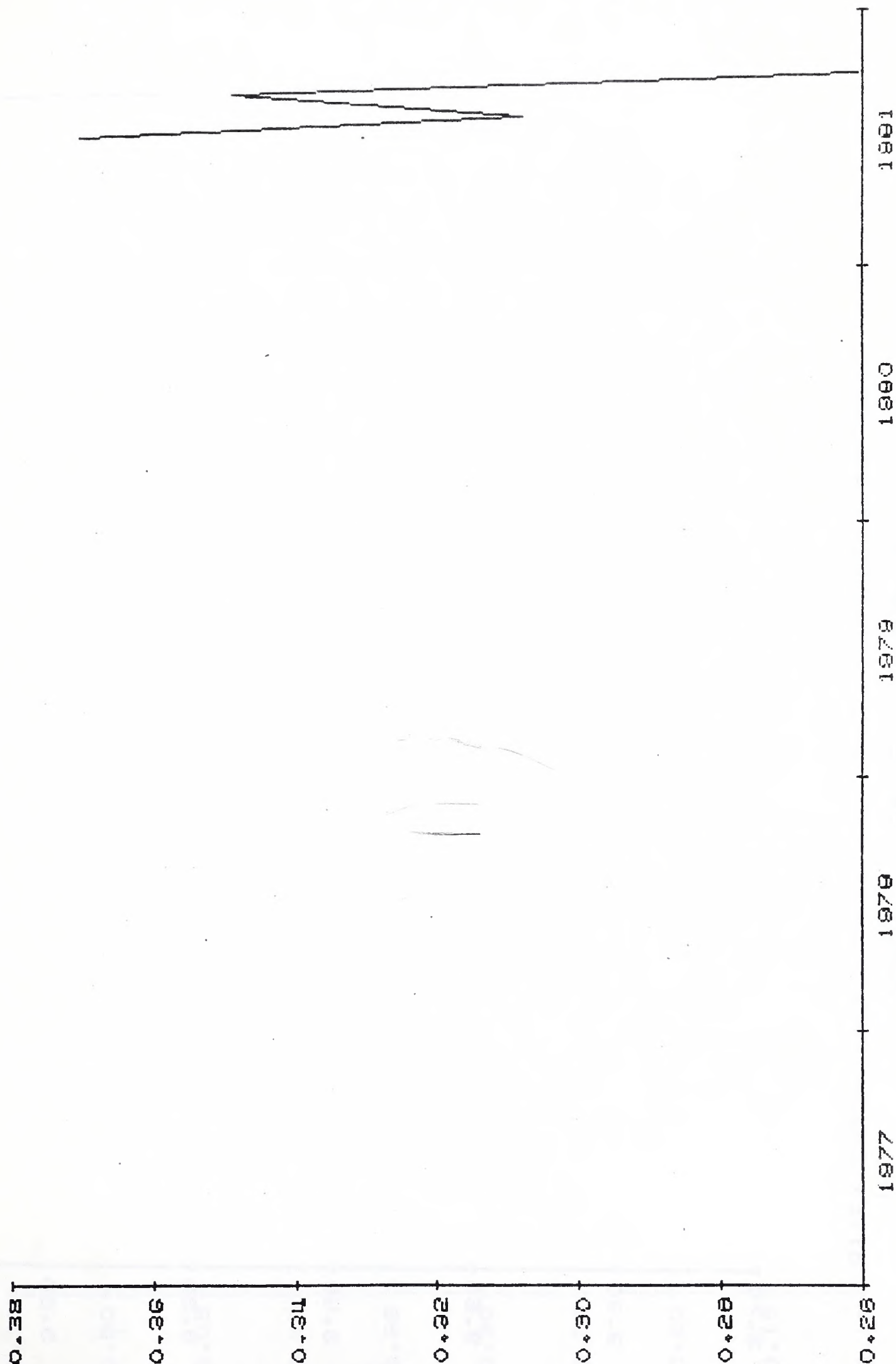
CALIFORNIA DESERT AIR WORKING GROUP
 MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981
 SITE: NWC - MOJAVE PARAMETER: BSCT UNIT: BETA SCAT



CALIFORNIA DESERT AIR WORKING GROUP

MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

SITE: NWC - LAUREL MOUNTAIN PARAMETER: BSCT UNIT: BETA SCAT

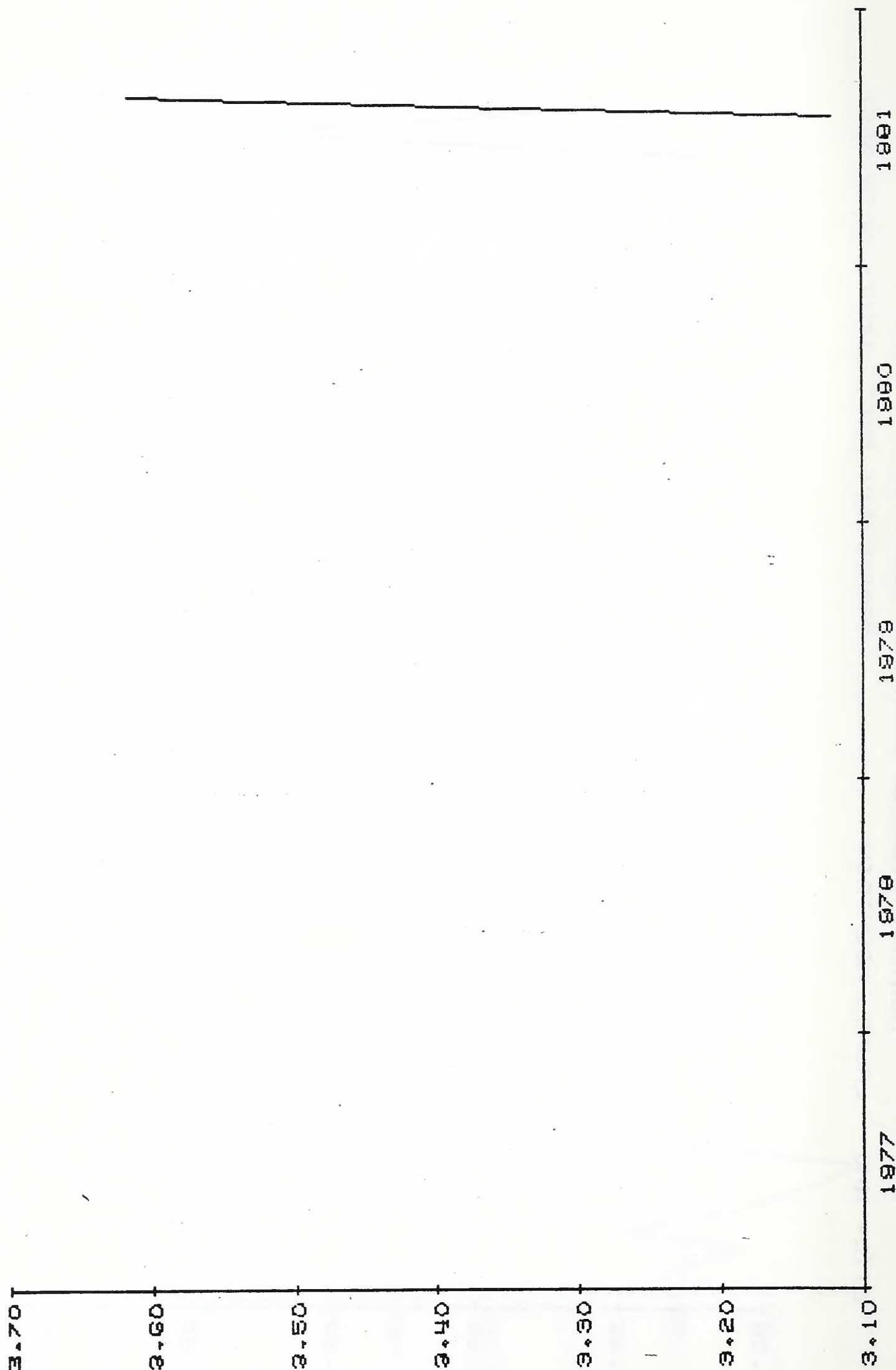


CALIFORNIA DESERT AIR WORKING GROUP

MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

SITE: CAJON PASS

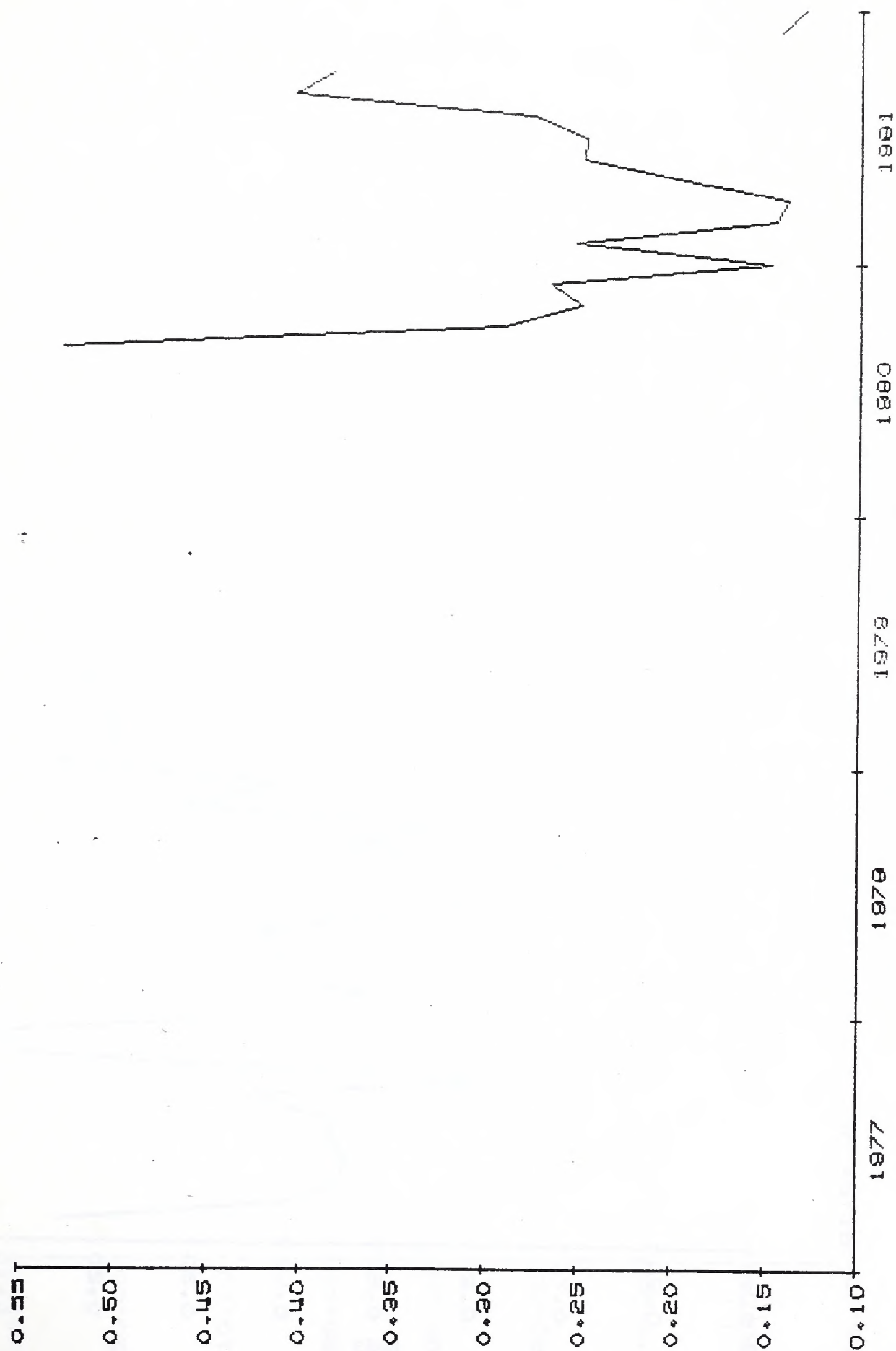
PARAMETER: BSCT UNIT: BETA SCAT



CALIFORNIA DESERT AIR WORKING GROUP

MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

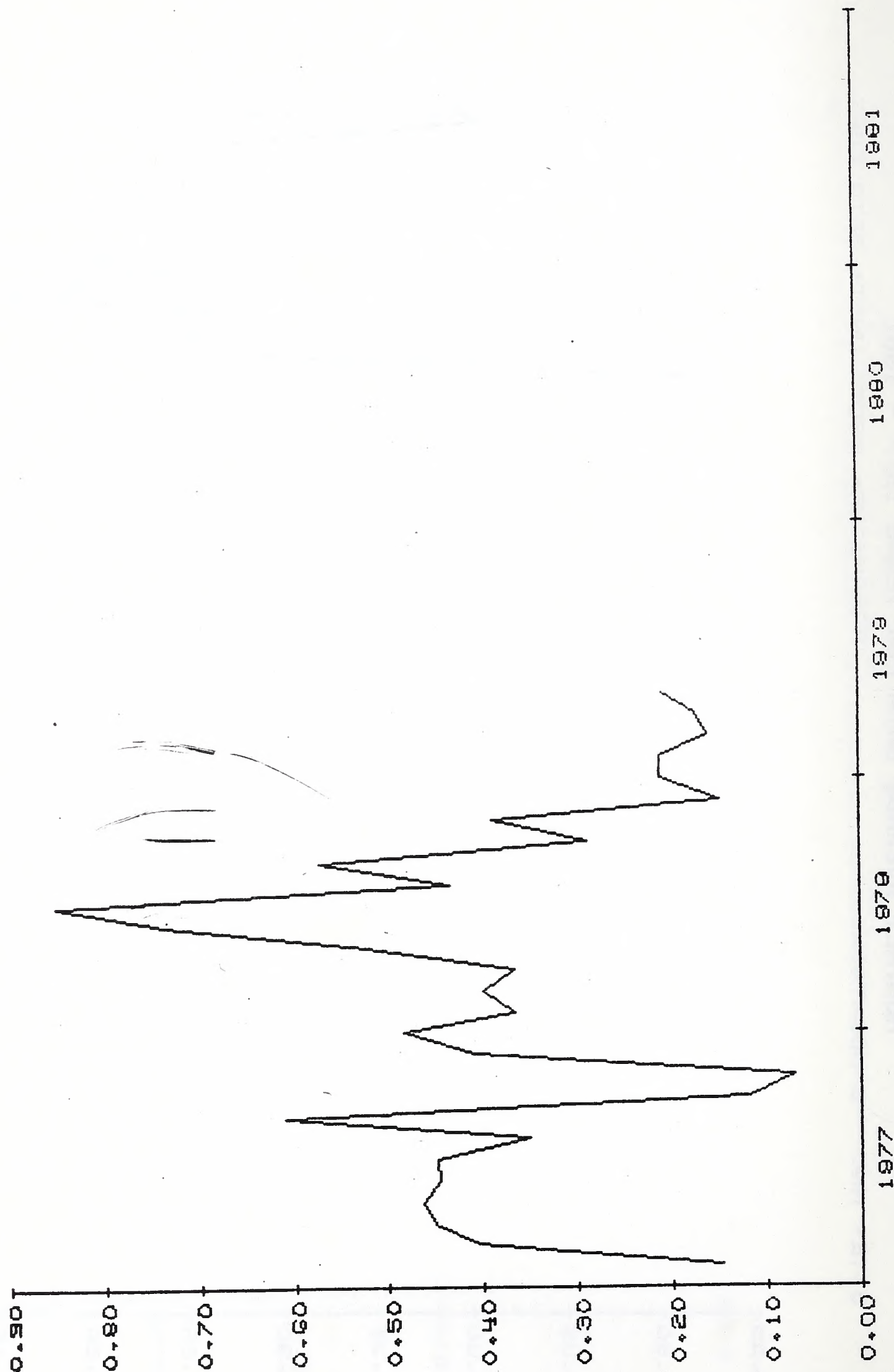
SITE: NWC - B MOUNTAIN PARAMETER: BSCT UNIT: BETA SCAT



CALIFORNIA DESERT AIR WORKING GROUP

MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

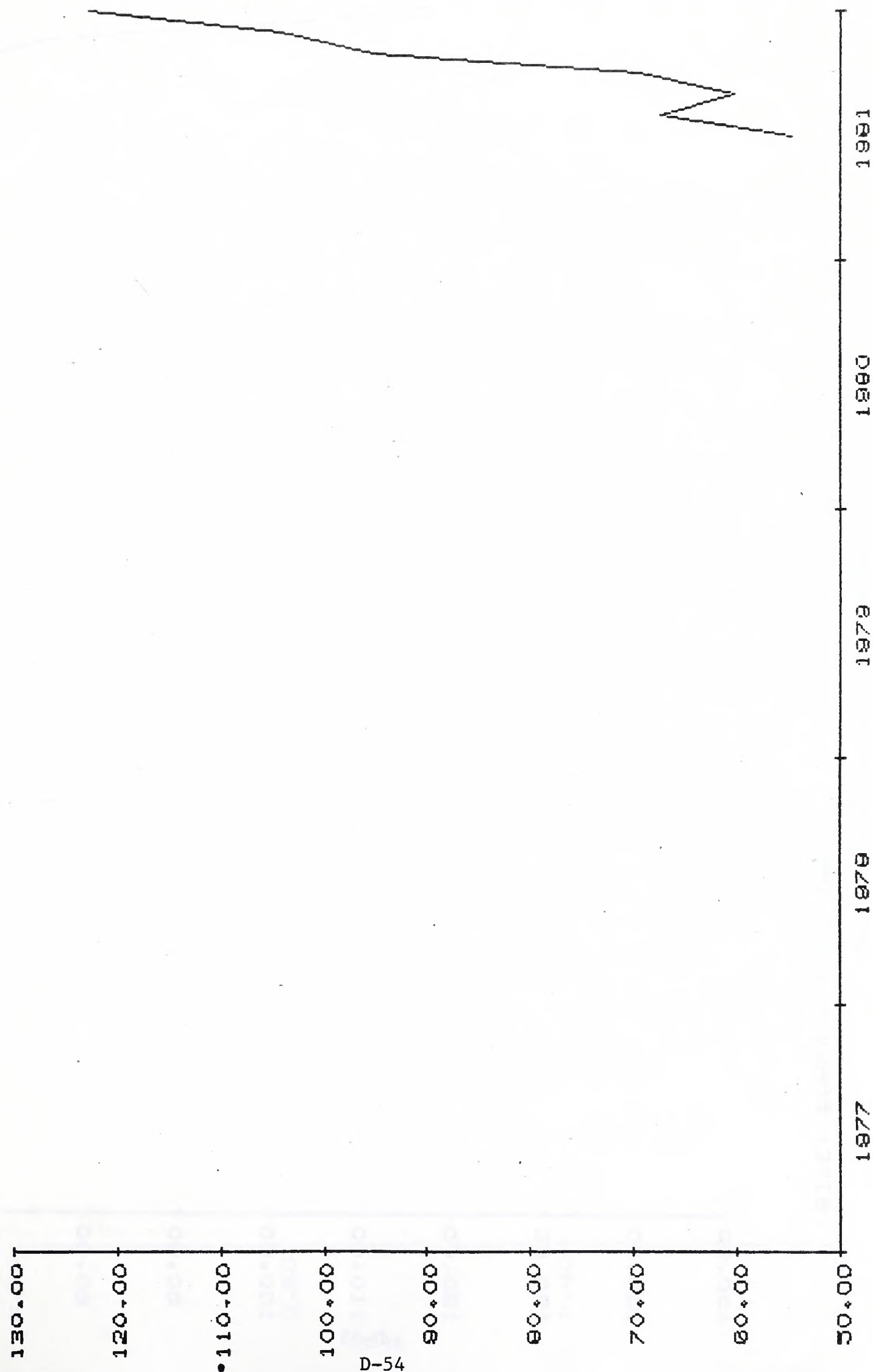
SITE: NWC - R1 (0 RANGE) PARAMETER: BSCT UNIT: BETA SCAT



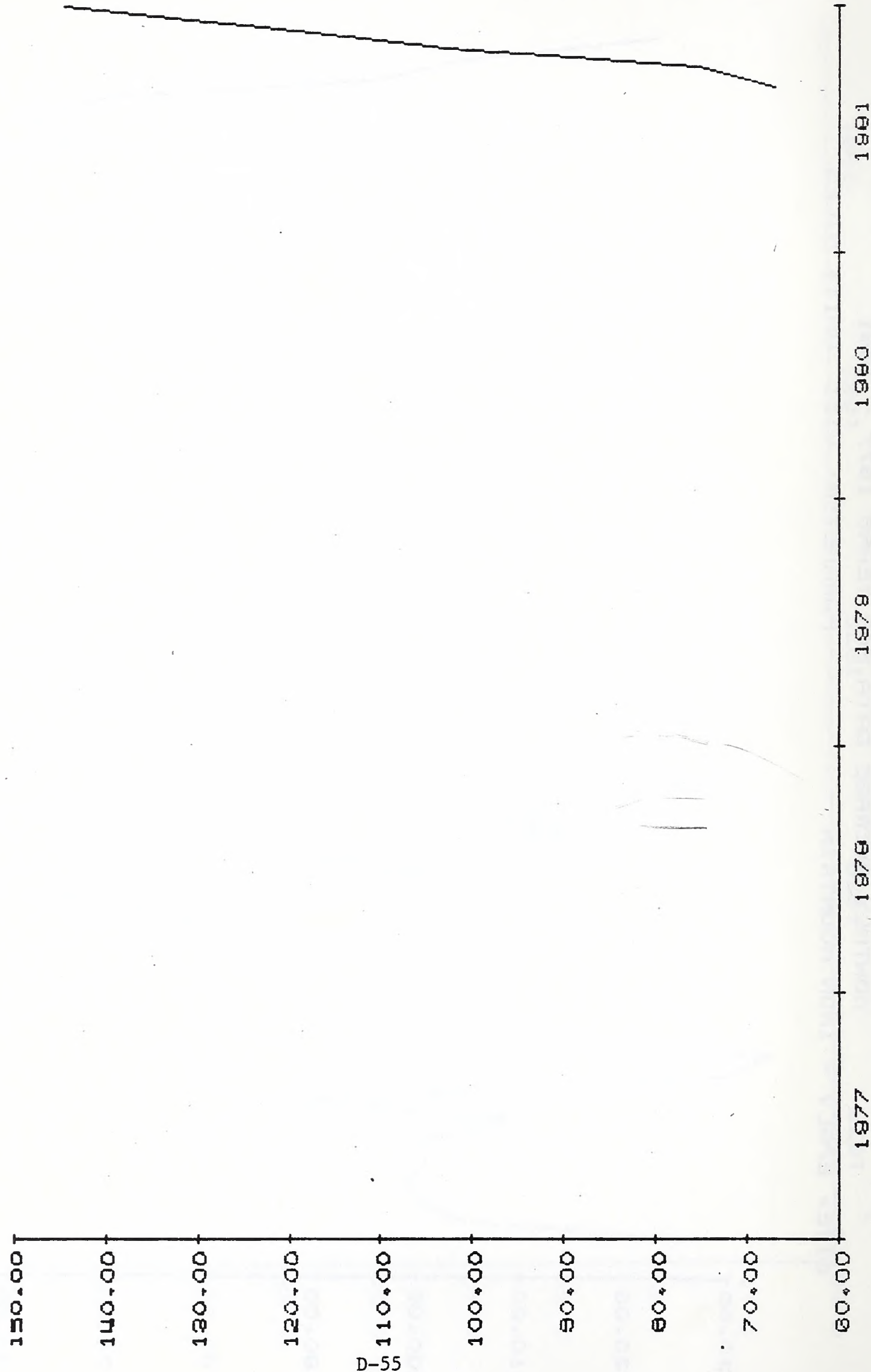
CALIFORNIA DESERT AIR WORKING GROUP

MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

SITE: EPALV - IRON MOUNTAIN PARAMETER: VISI UNIT: MILES



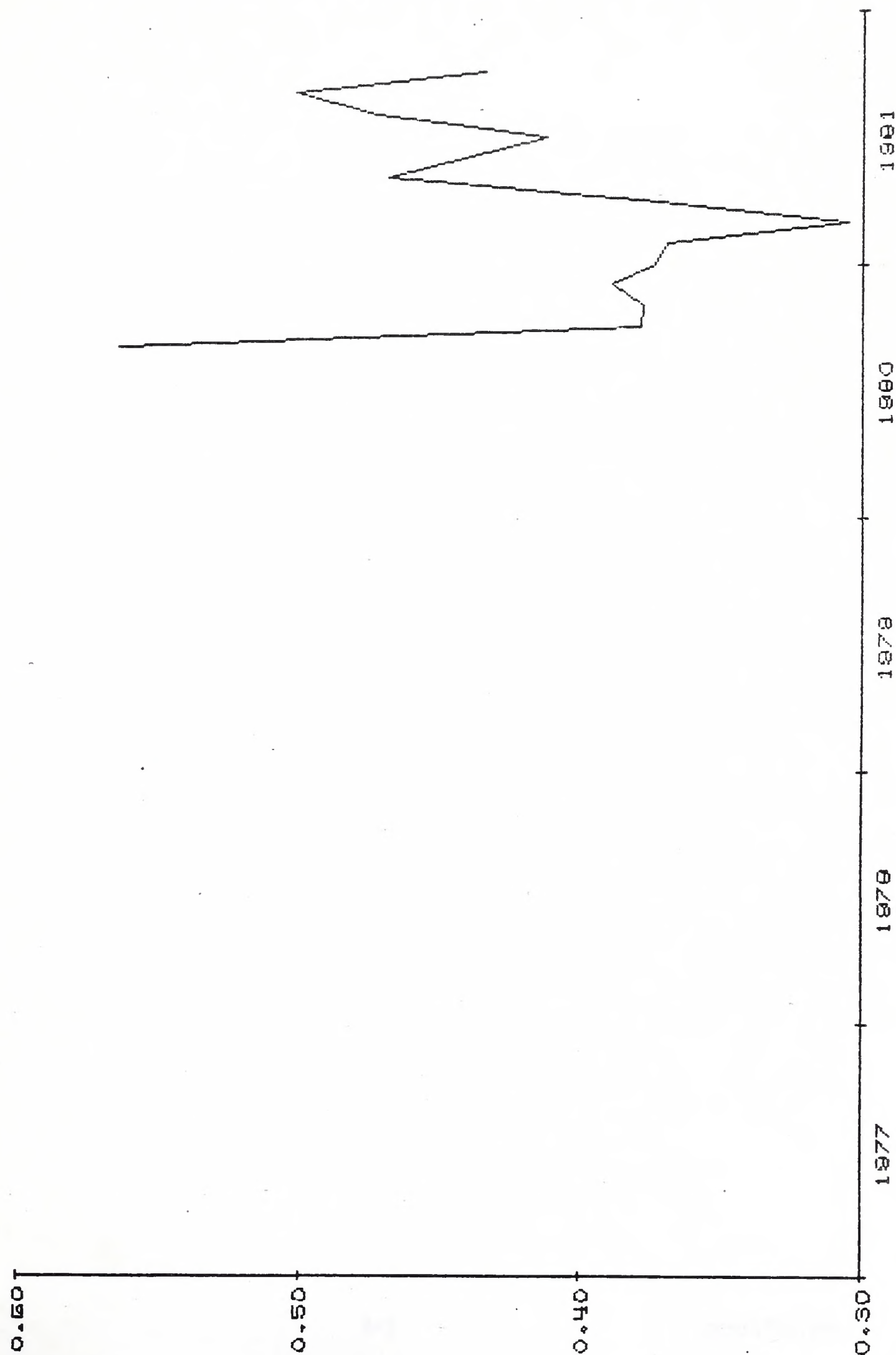
CALIFORNIA DESERT AIR WORKING GROUP
MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981
SITE* EPALV - FORT IRWIN PARAMETER* VISI UNIT* MILES



CALIFORNIA DESERT AIR WORKING GROUP

MONTHLY AVERAGE DATA FOR YEARS 1977 - 1981

SITE: ARMY - FORT IRWIN PARAMETER: BSCT UNIT: BETA SCAT

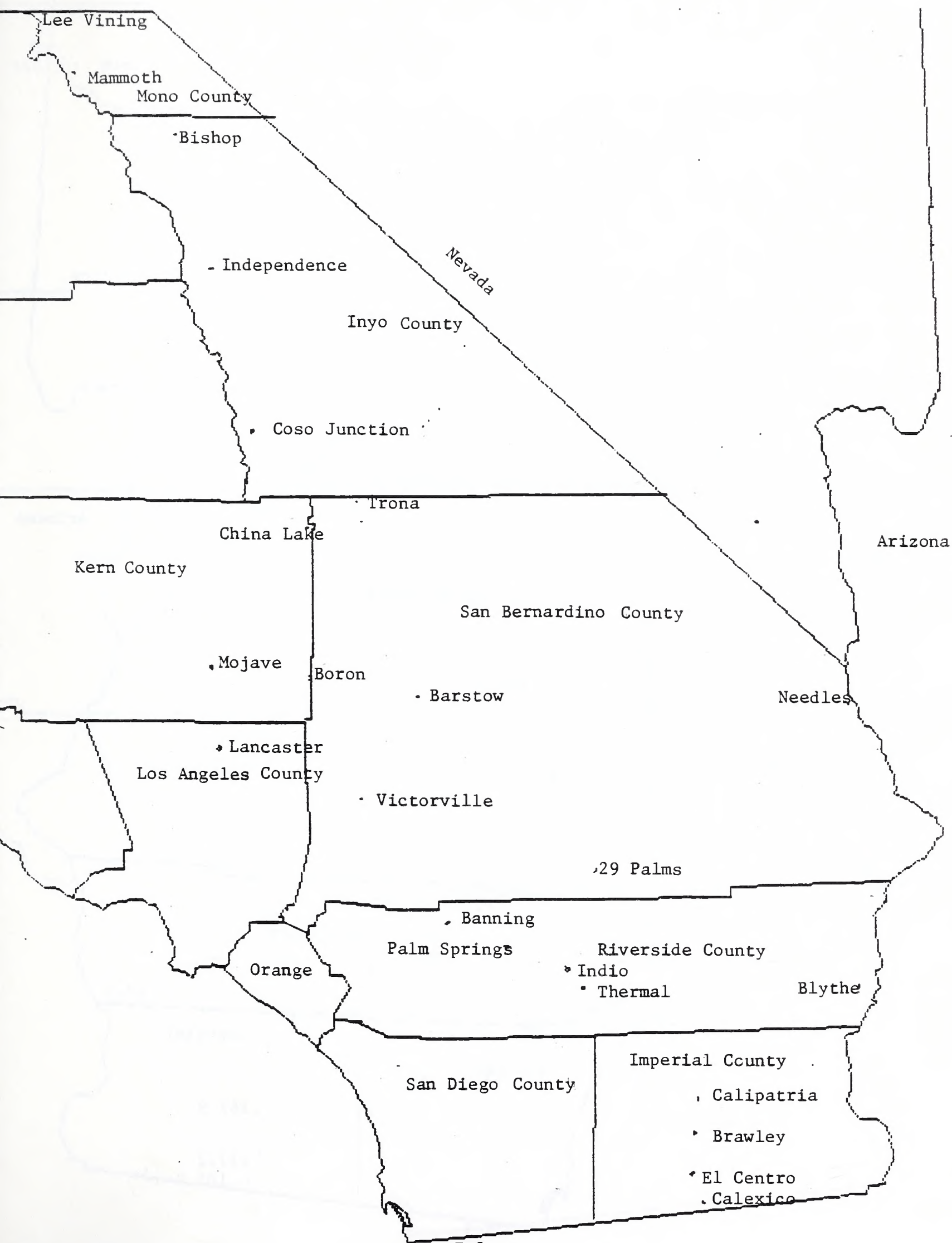


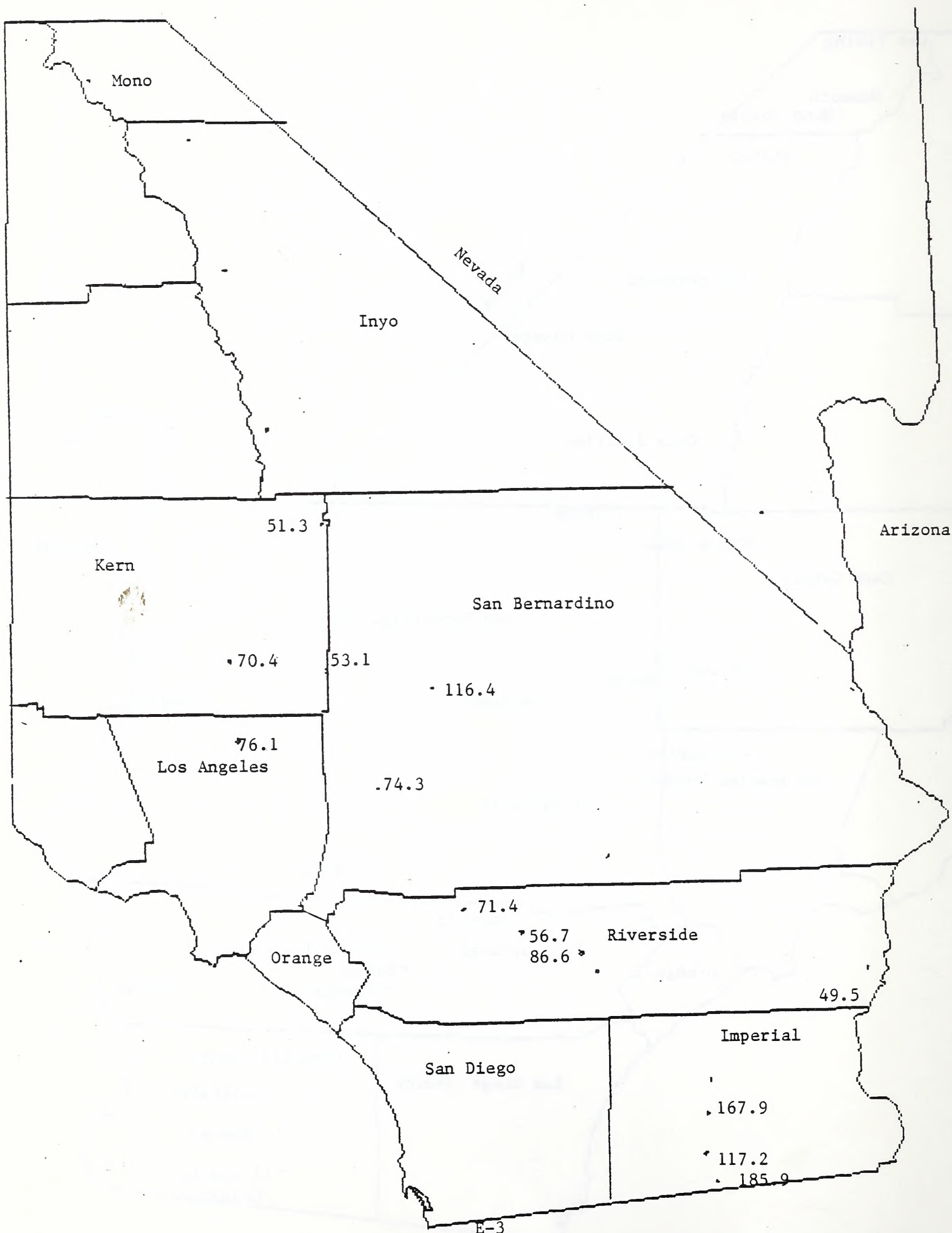
Appendix E

Pollutant Maps of the California Desert for 1977 and 1981

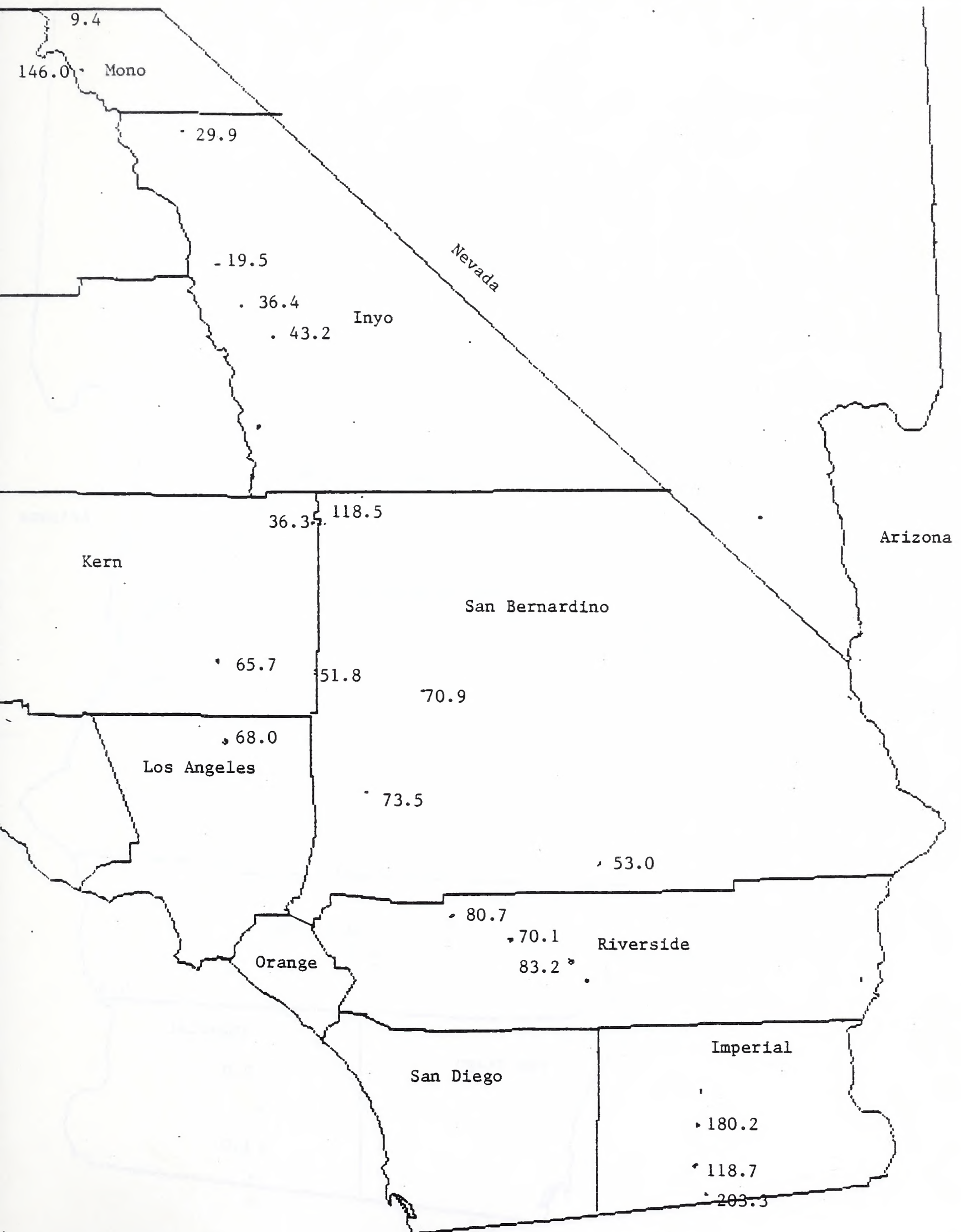
Annual means of selected pollutants in the California desert for 1977 and 1981.

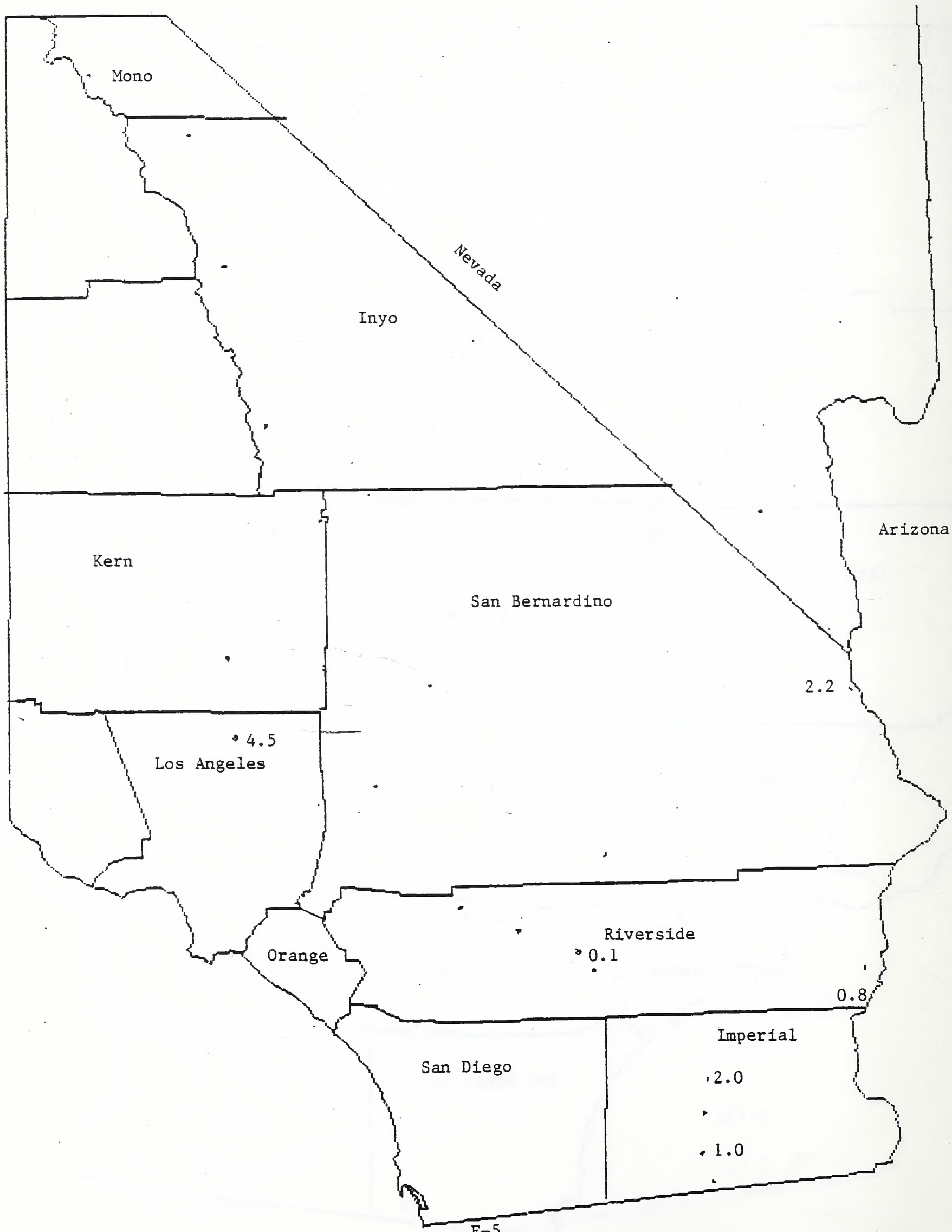
CALIFORNIA DESERT: Selected Atmospheric Monitoring Sites

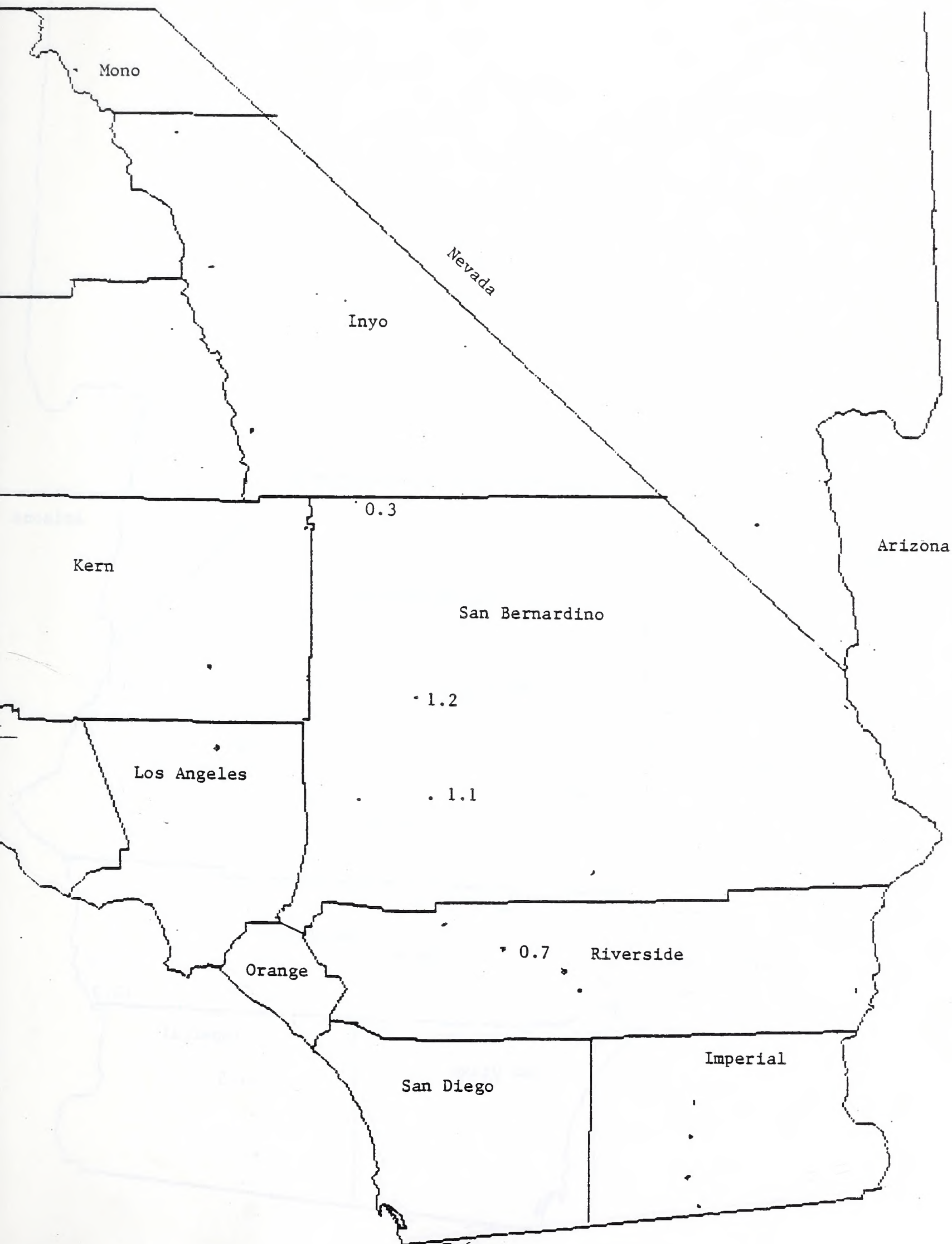


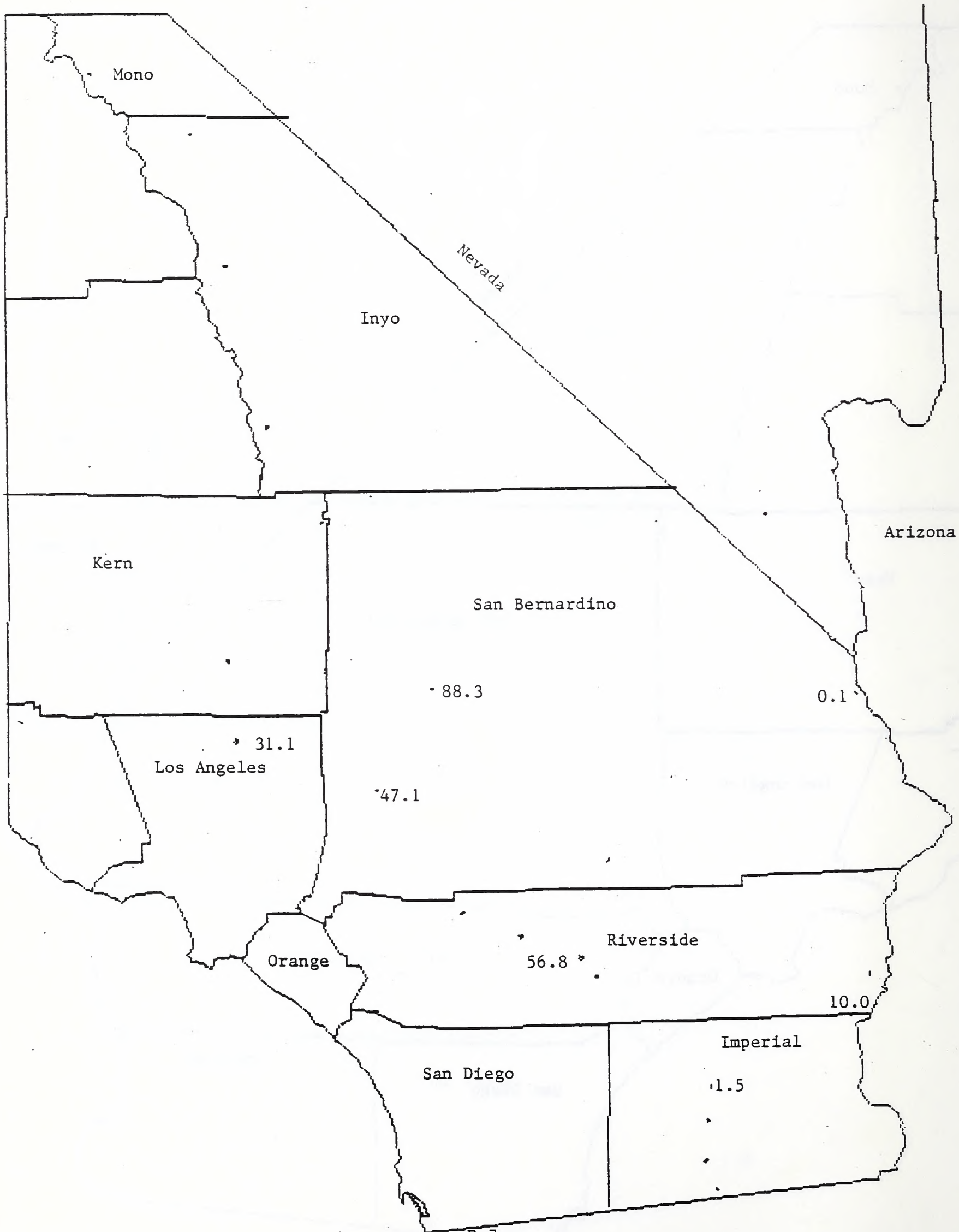


CALIFORNIA DESERT: Annual TSP ($\mu\text{g}/\text{m}^3$), 1981

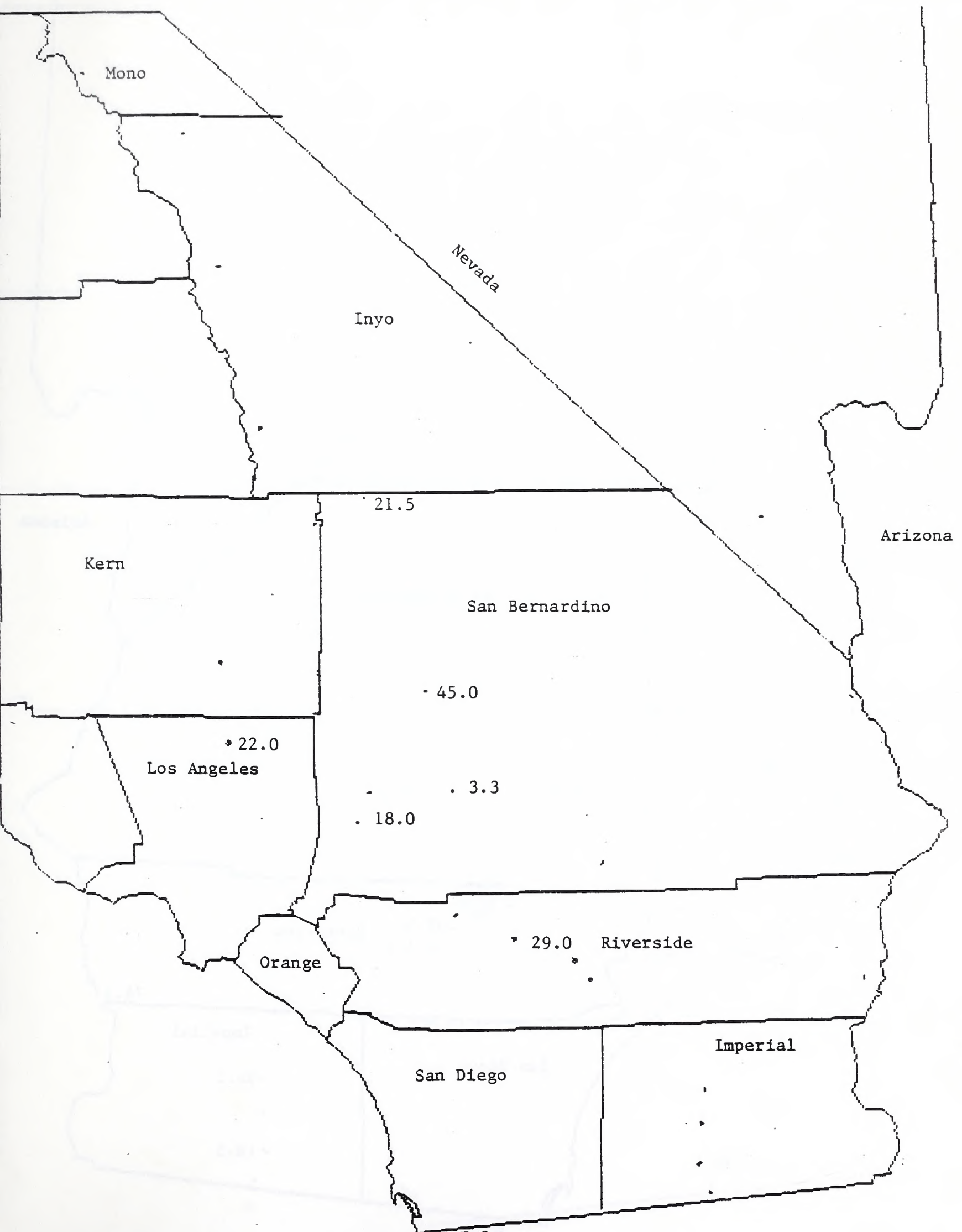


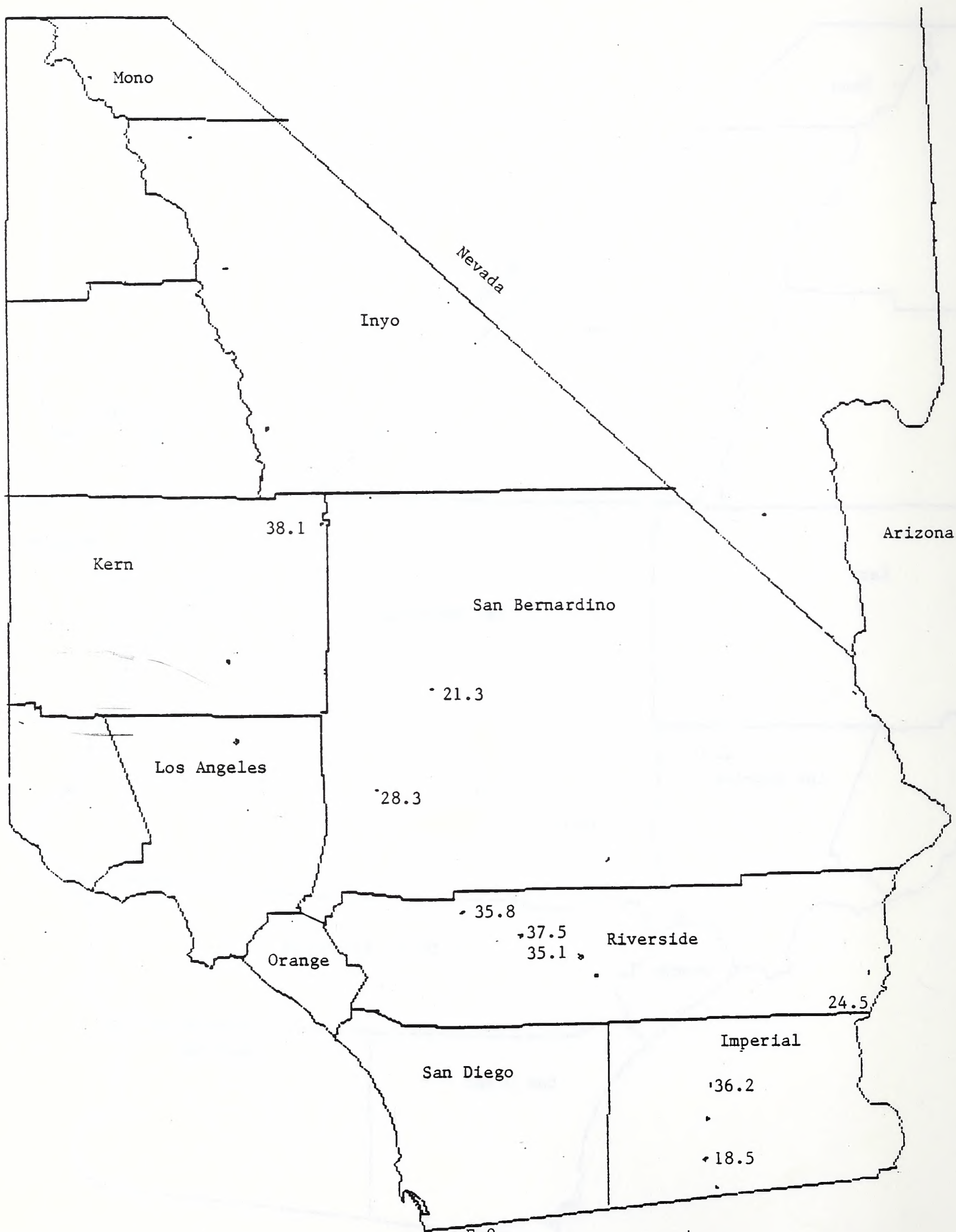


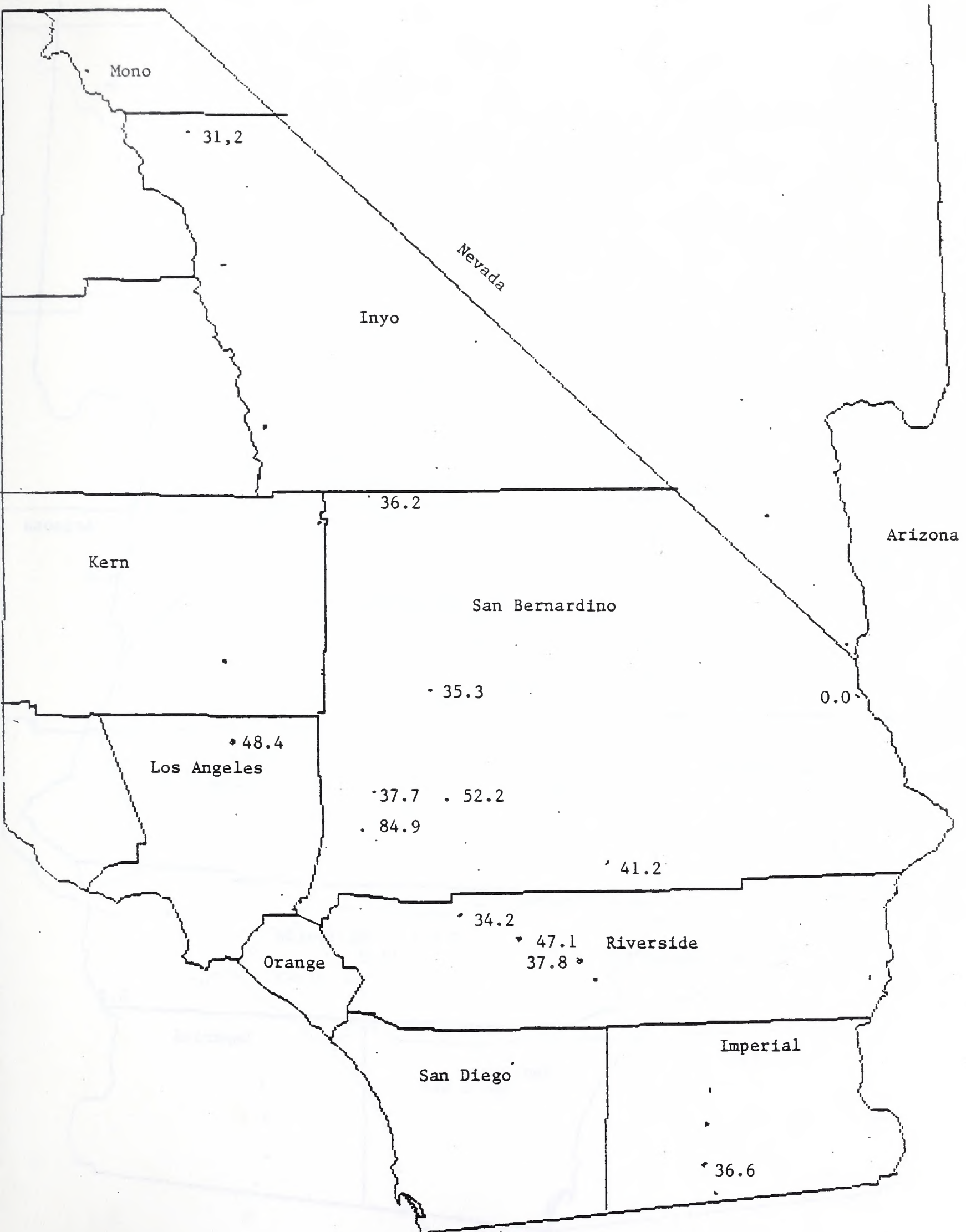


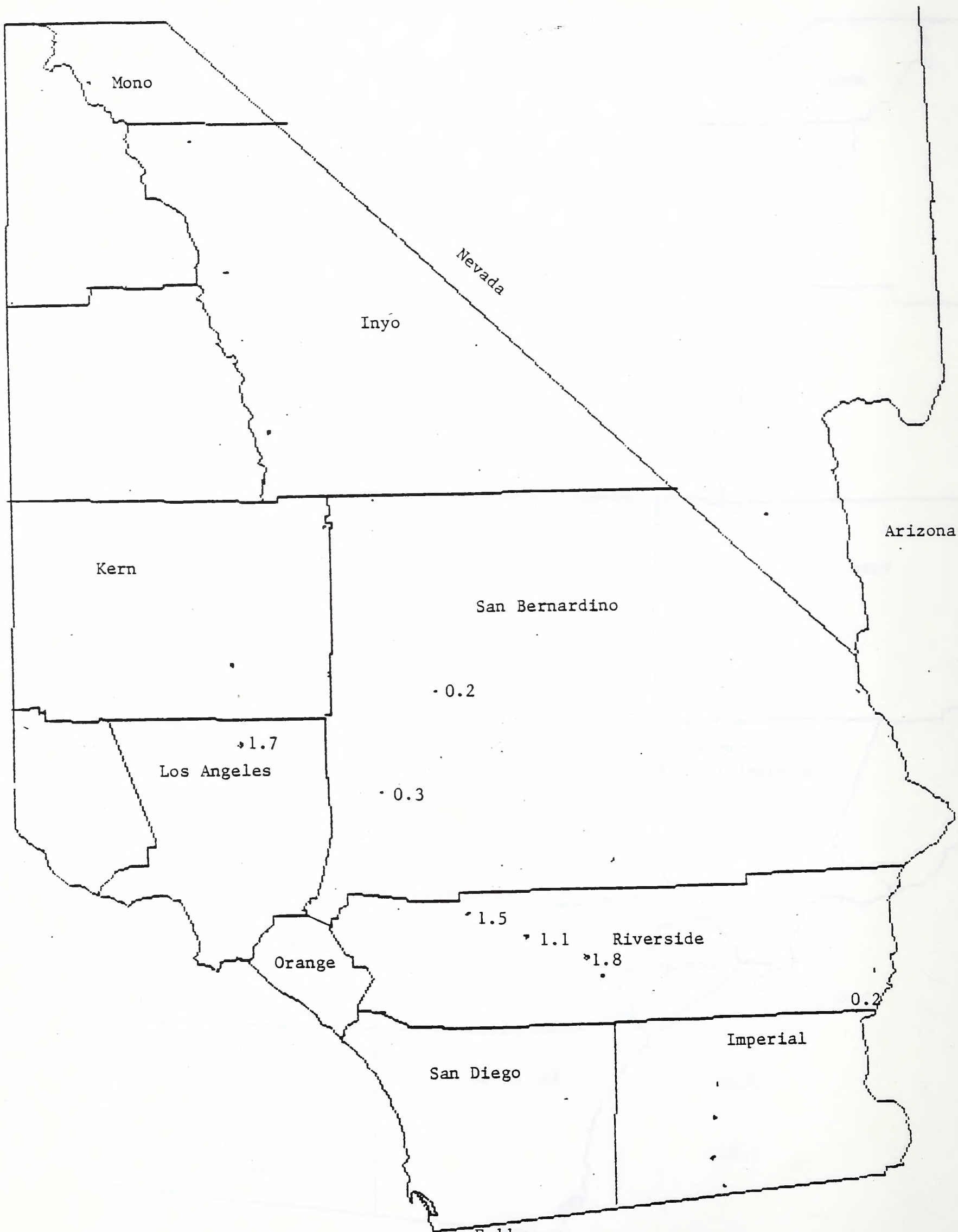


CALIFORNIA DESERT: Annual NO_x (ppb), 1981

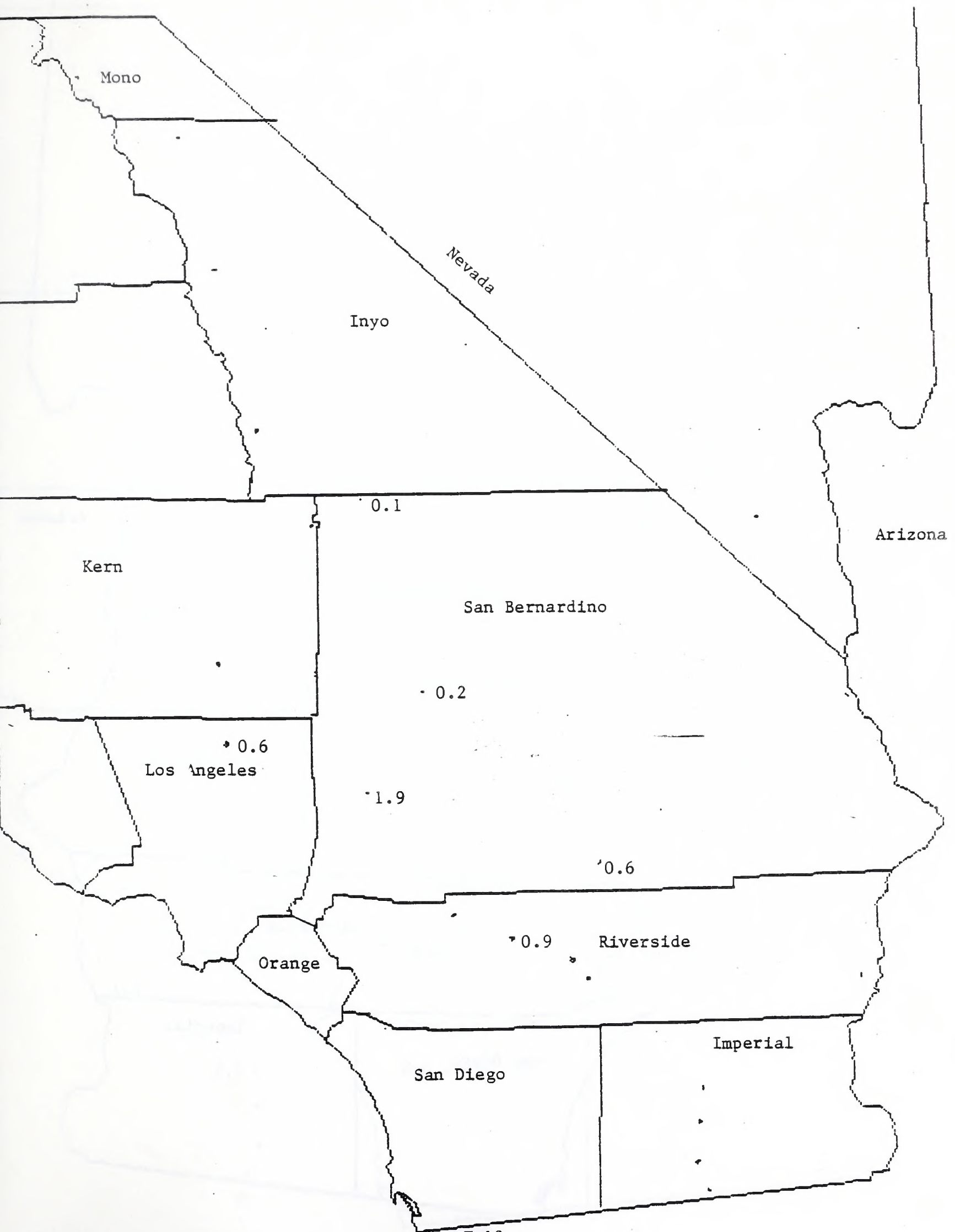


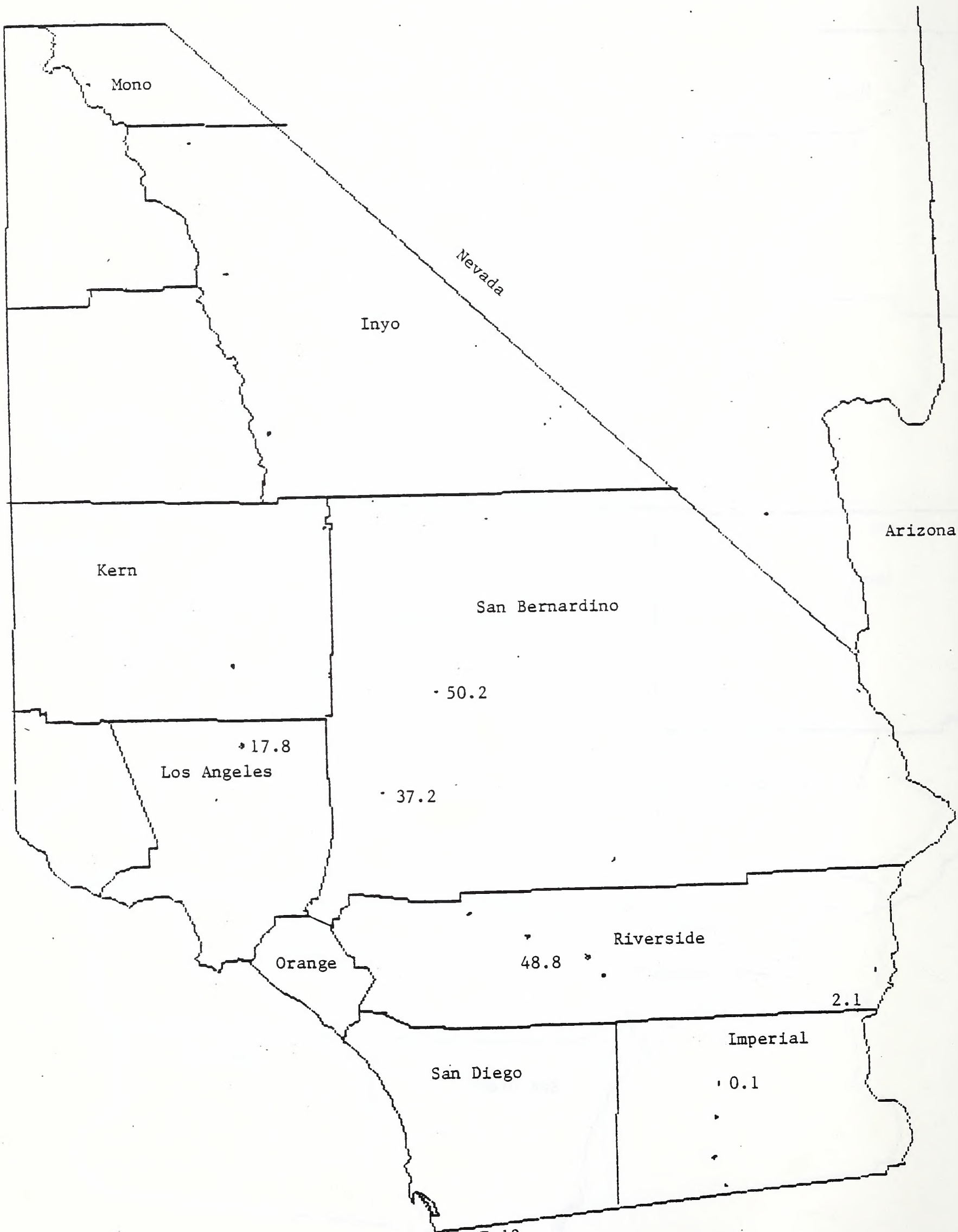


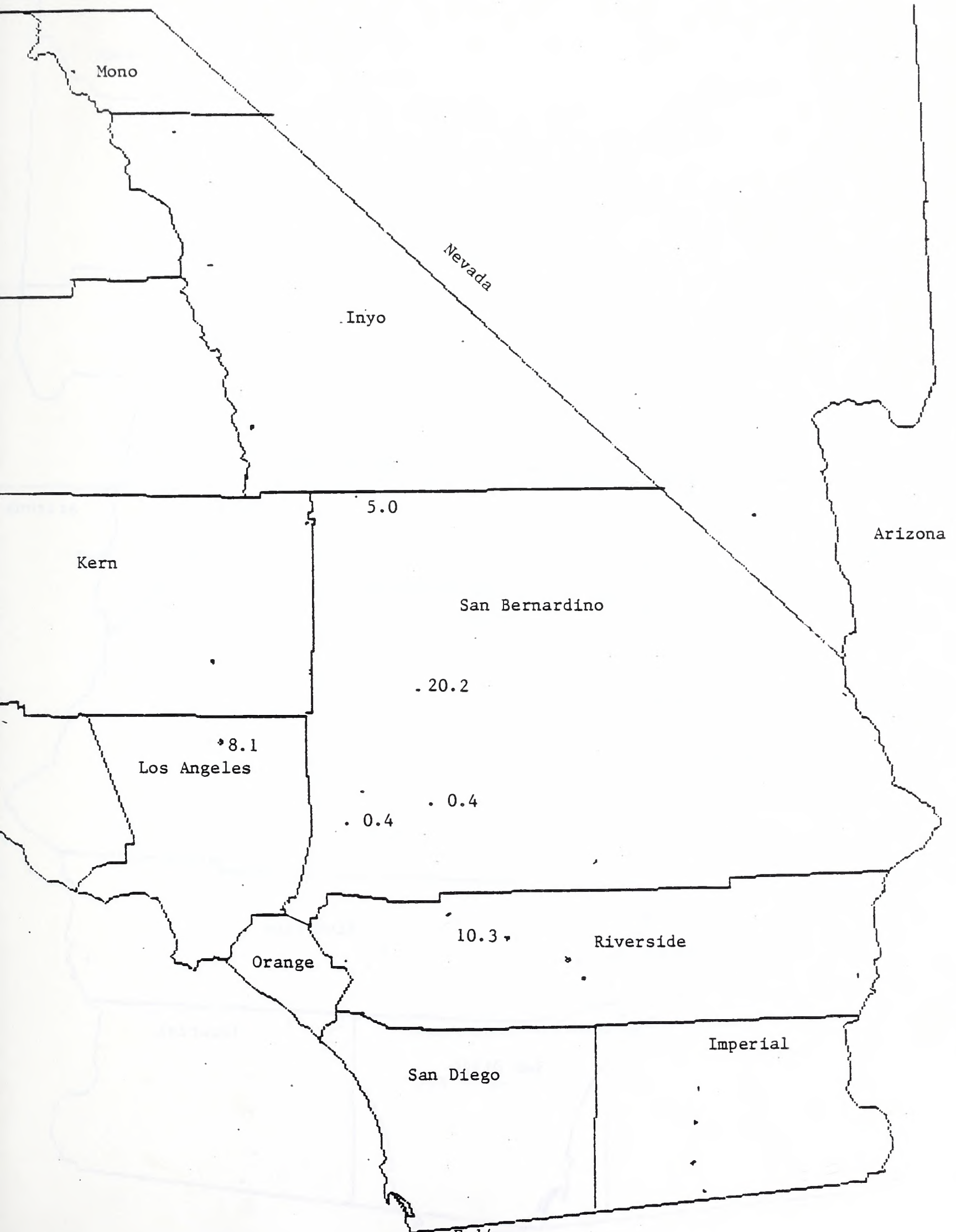




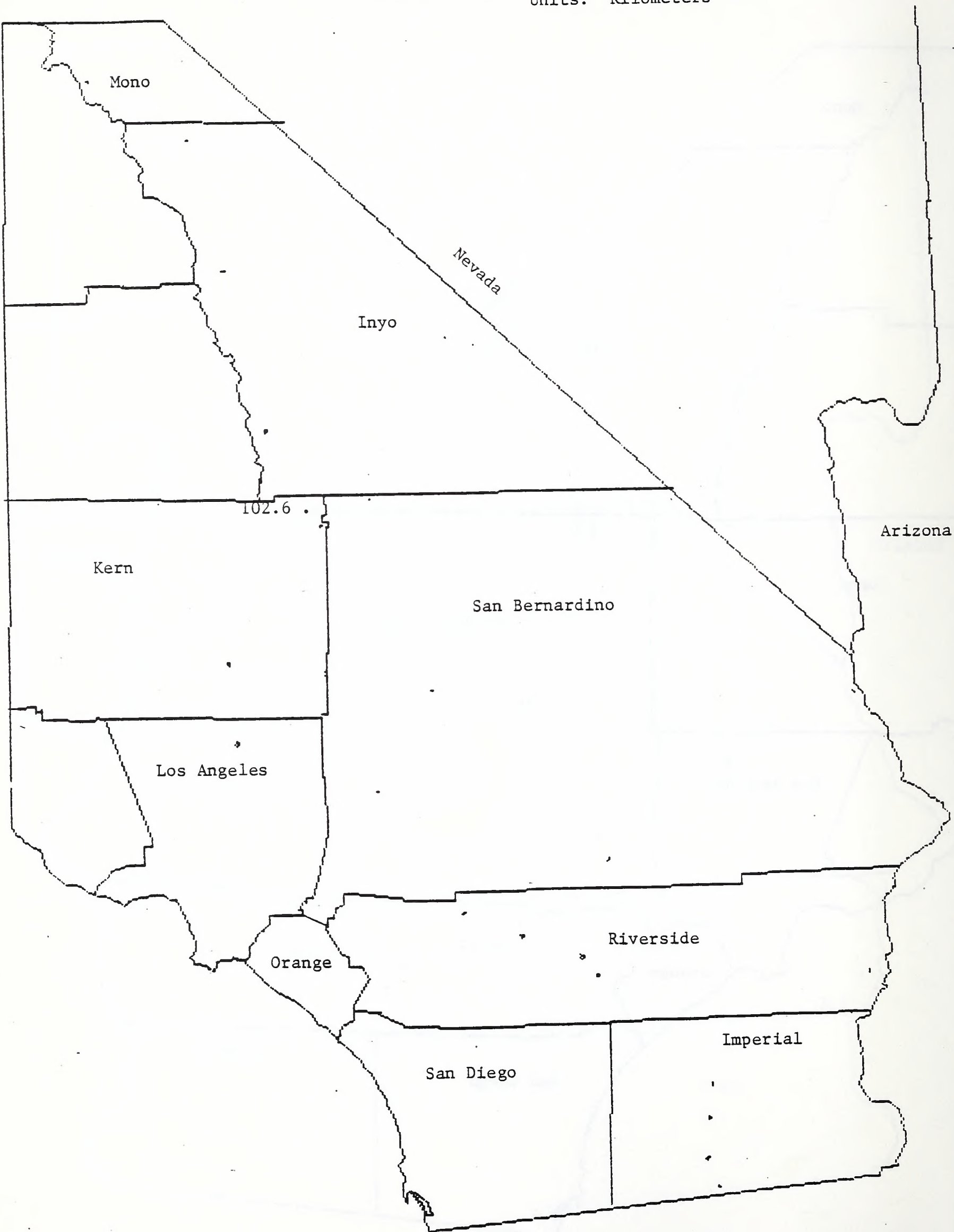
CALIFORNIA DESERT: Annual CO (ppm), 1981



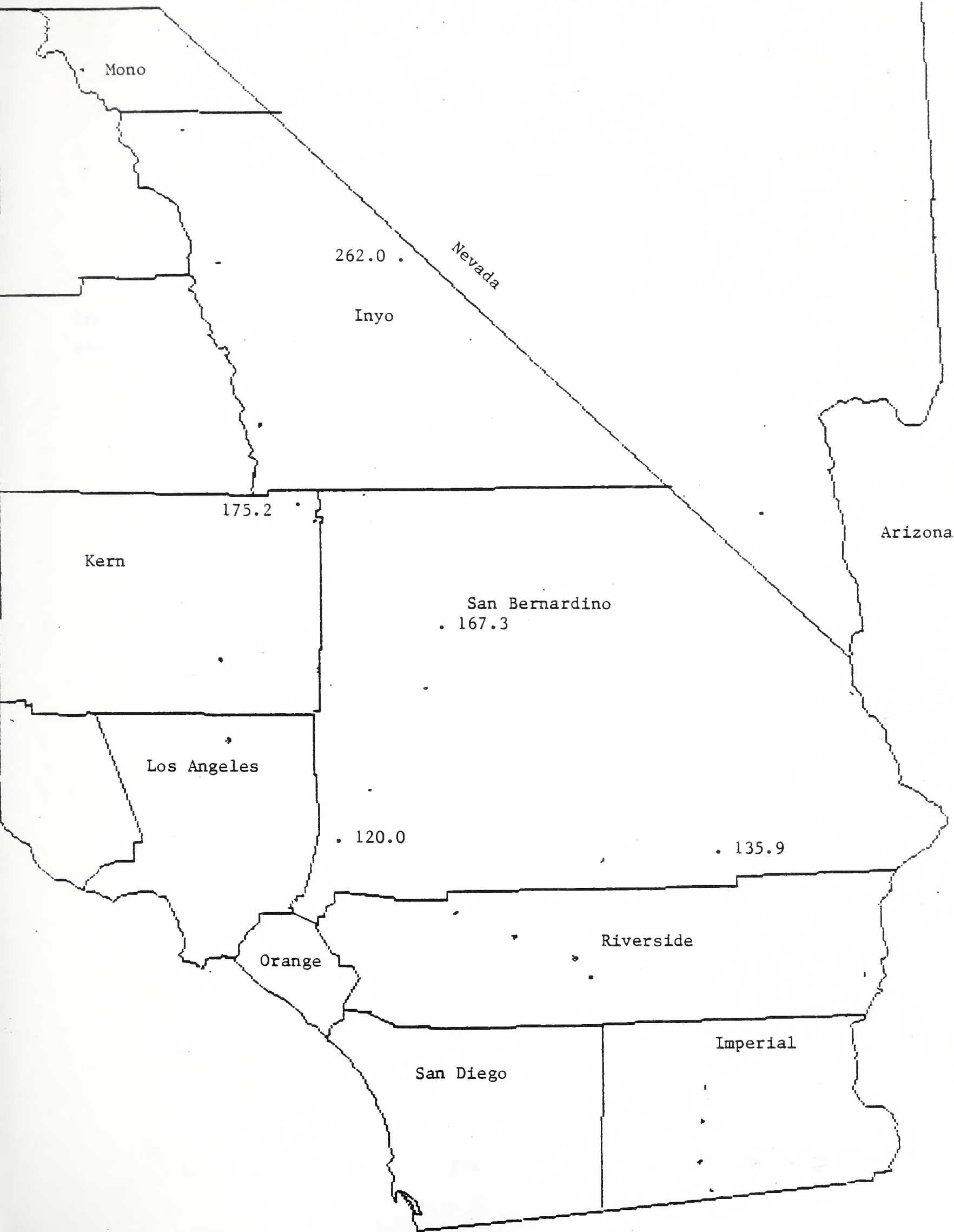




CALIFORNIA DESERT - Annual Visibility, 1977
Units: Kilometers



CALIFORNIA DESERT - Annual Visibility, 1981
Units: Kilometers



Appendix F

Visibility vs. Relative Humidity Plots

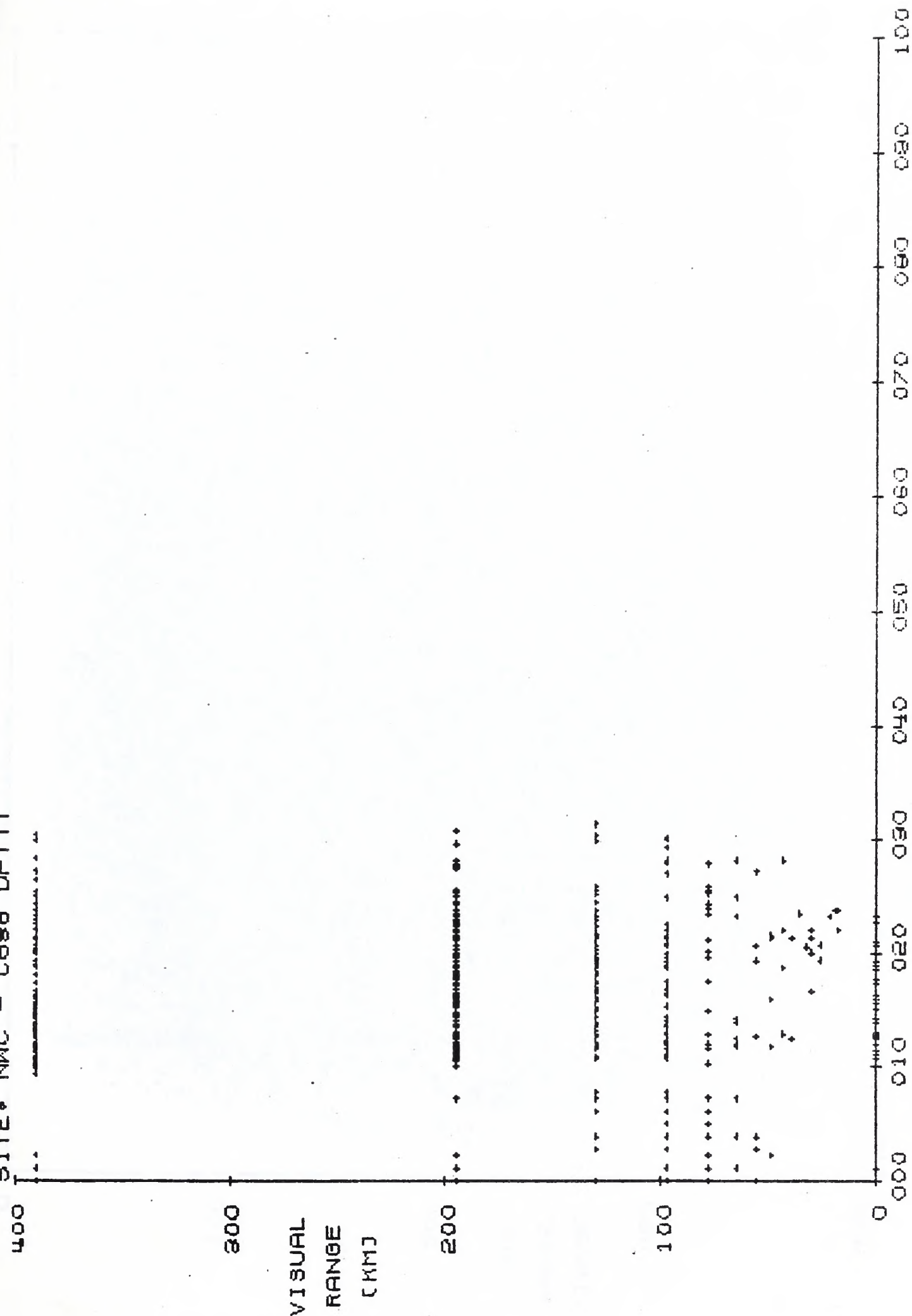
Visibility vs. relative humidity for sites reporting both quantities. All available hourly data at a site are used.

CALIFORNIA DESERT AIR WORKING GROUP

VISUAL RANGE VS. RELATIVE HUMIDITY SCATTER PLOT

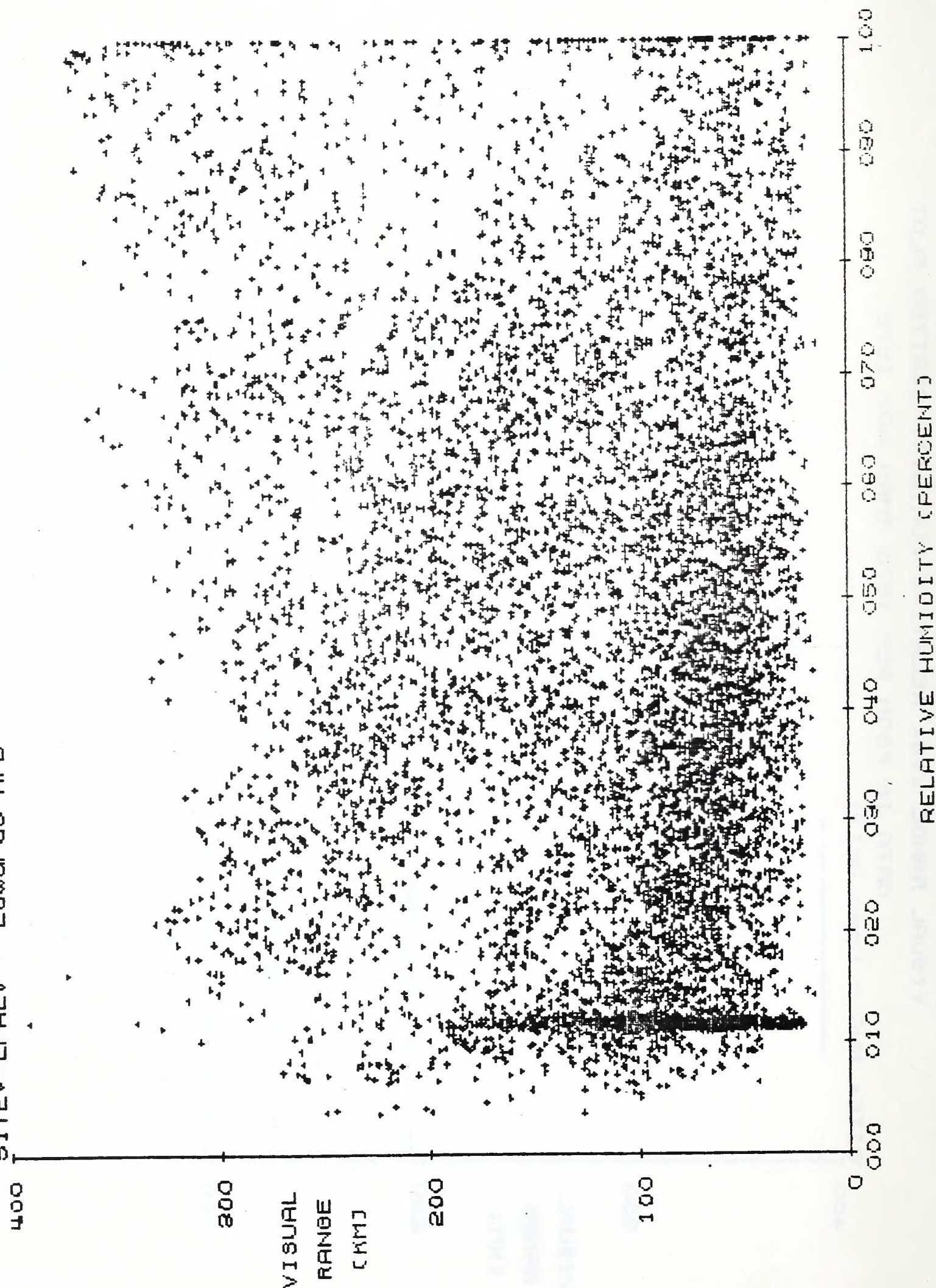
DATA IS FROM SEP 1978 THRU NOV 1978

SITE: NWC - COSO DRILL

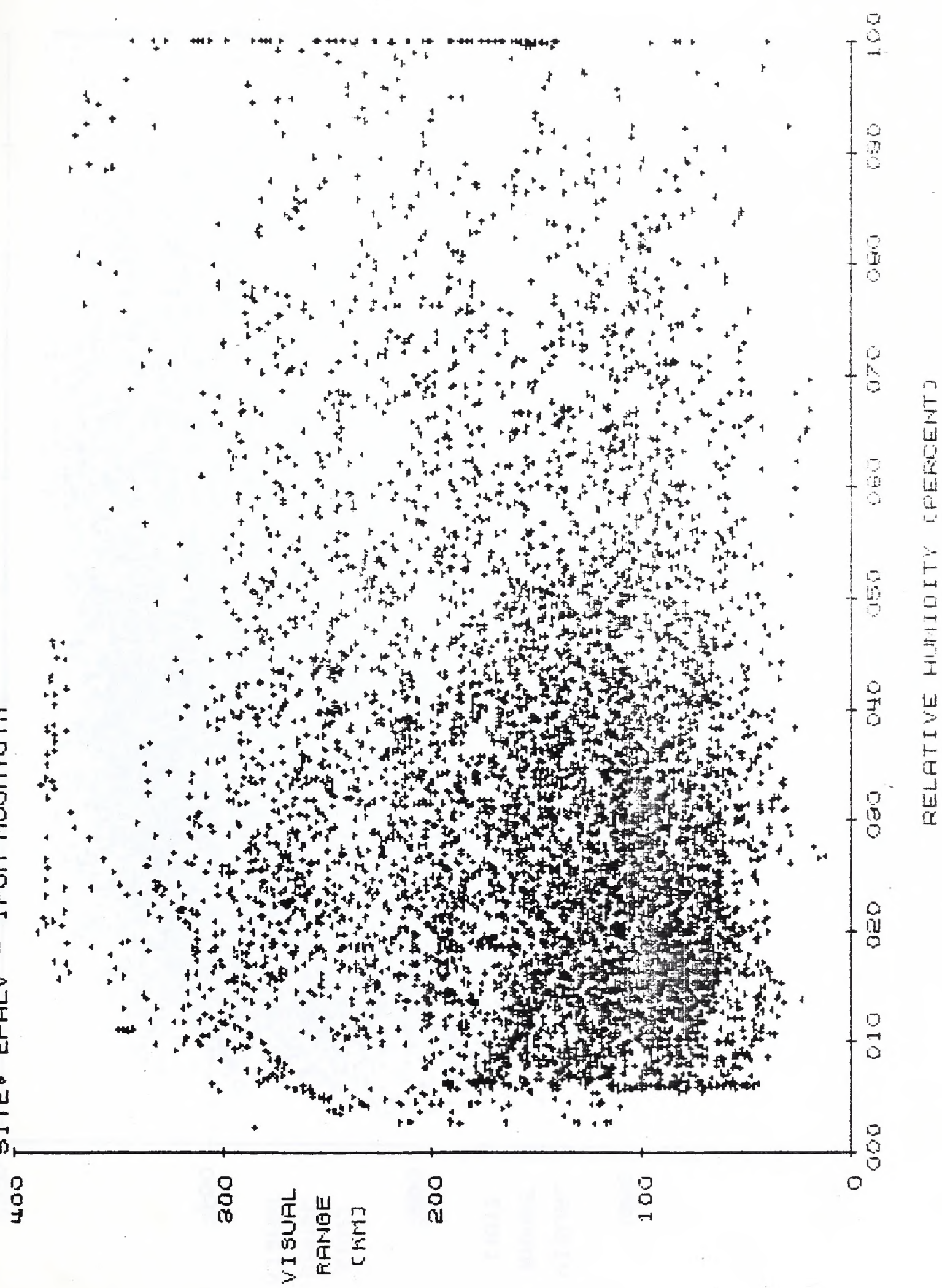


RELATIVE HUMIDITY (PERCENT)

CALIFORNIA DESERT AIR WORKING GROUP
VISUAL RANGE VS. RELATIVE HUMIDITY SCATTER PLOT
DATA IS FROM JUL 1962 THRU JUL 1963
SITE: EPALV - Edwards AFB



CALIFORNIA DESERT AIR WORKING GROUP
VISUAL RANGE VS. RELATIVE HUMIDITY SCATTER PLOT
DATA IS FROM JUN 1961 THRU MAY 1962
SITE: EPALV - Iron Mountain

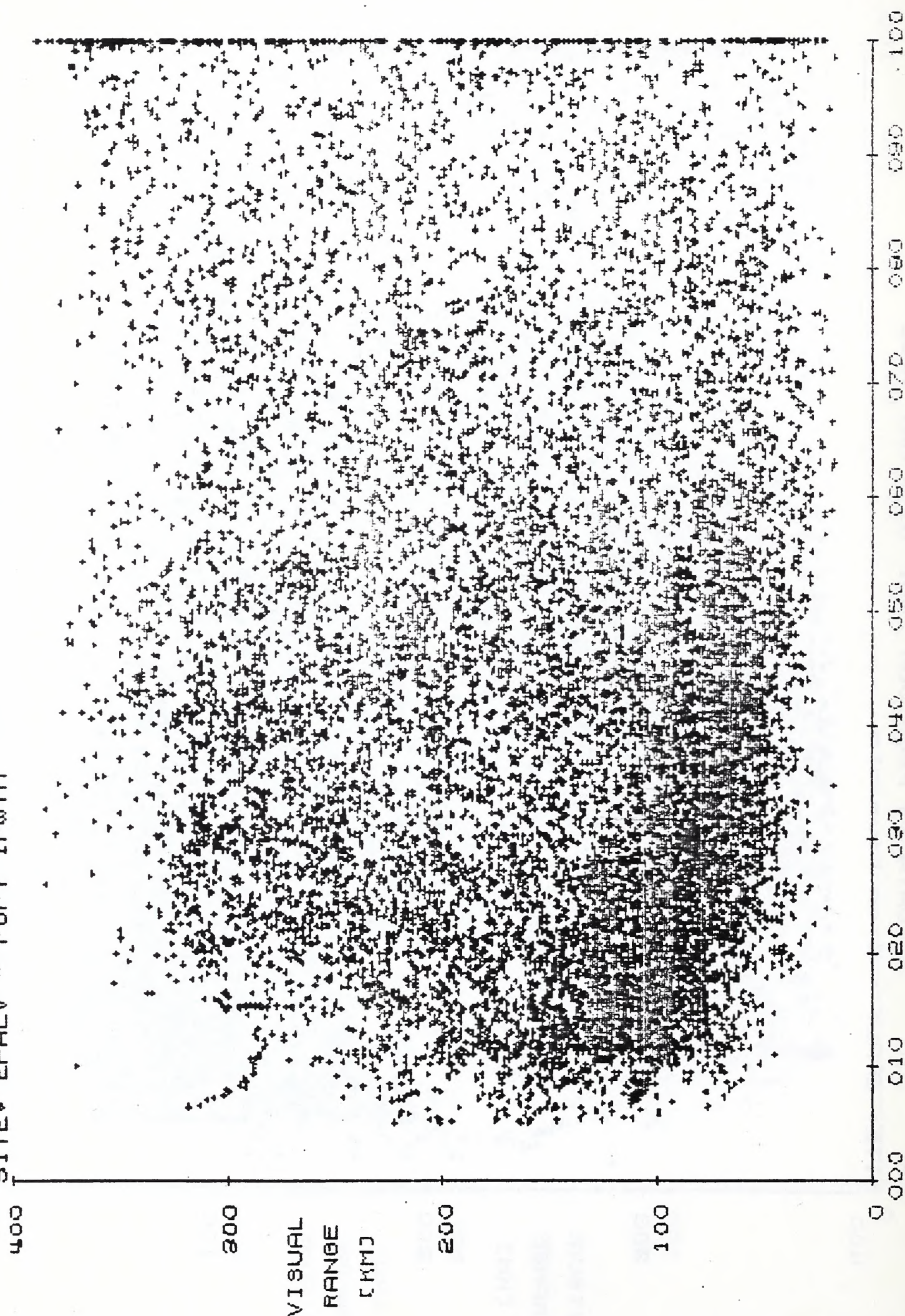


CALIFORNIA DESERT AIR WORKING GROUP

VISUAL RANGE VS. RELATIVE HUMIDITY SCATTER PLOT

DATA IS FROM AUG 1961 THRU JUL 1963

SITE: EPALV - Fort Irwin



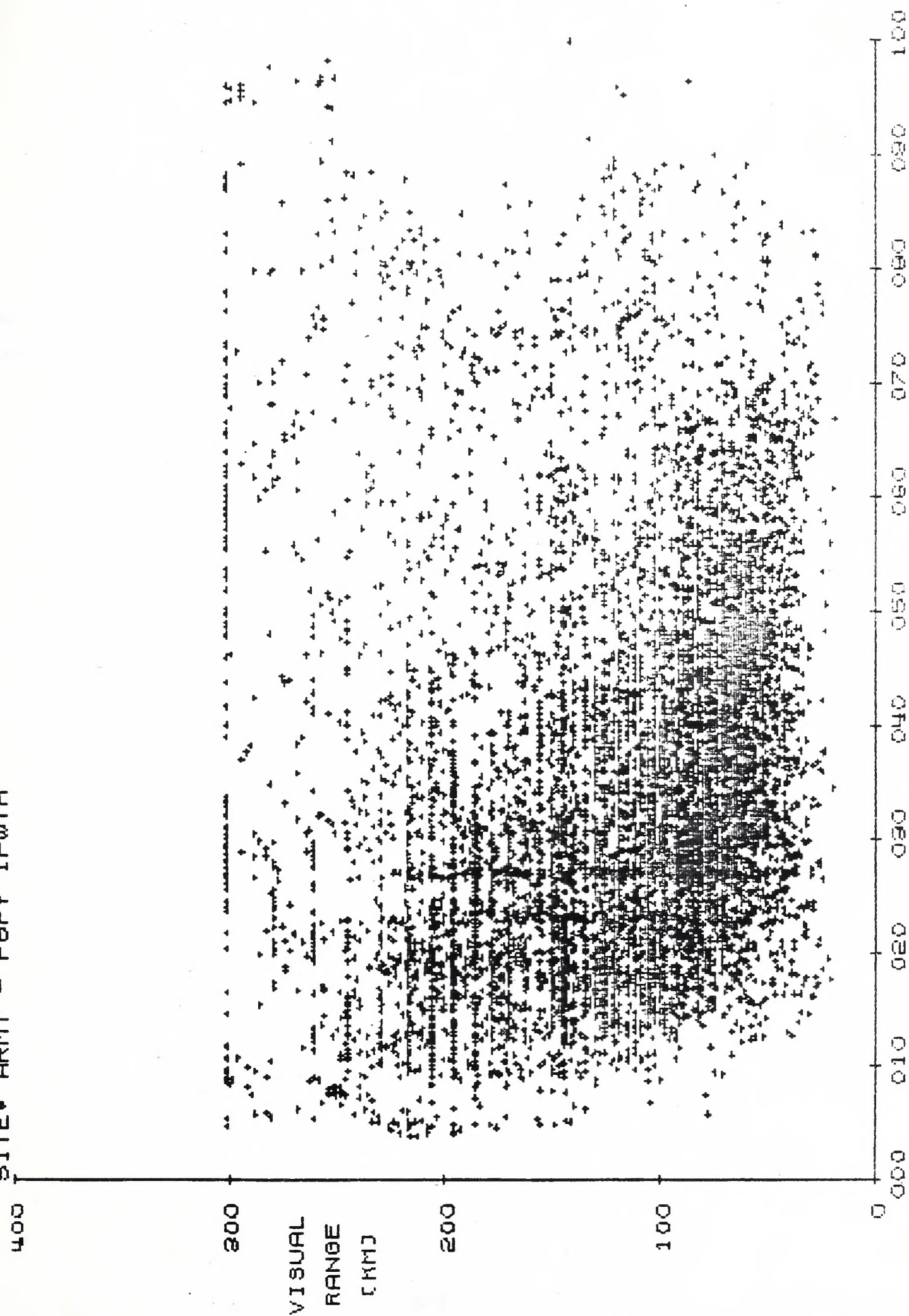
RELATIVE HUMIDITY (PERCENT)

CALIFORNIA DESERT AIR WORKING GROUP

VISUAL RANGE VS. RELATIVE HUMIDITY SCATTER PLOT

DATA IS FROM AUG 1980 THRU SEP 1981

SITE: ARMY - Fort Irwin



RELATIVE HUMIDITY (PERCENT)

Appendix G

Visibility Roses

Wind direction dependency of visibility plotted for all sites reporting both quantities. All available hourly data are used.

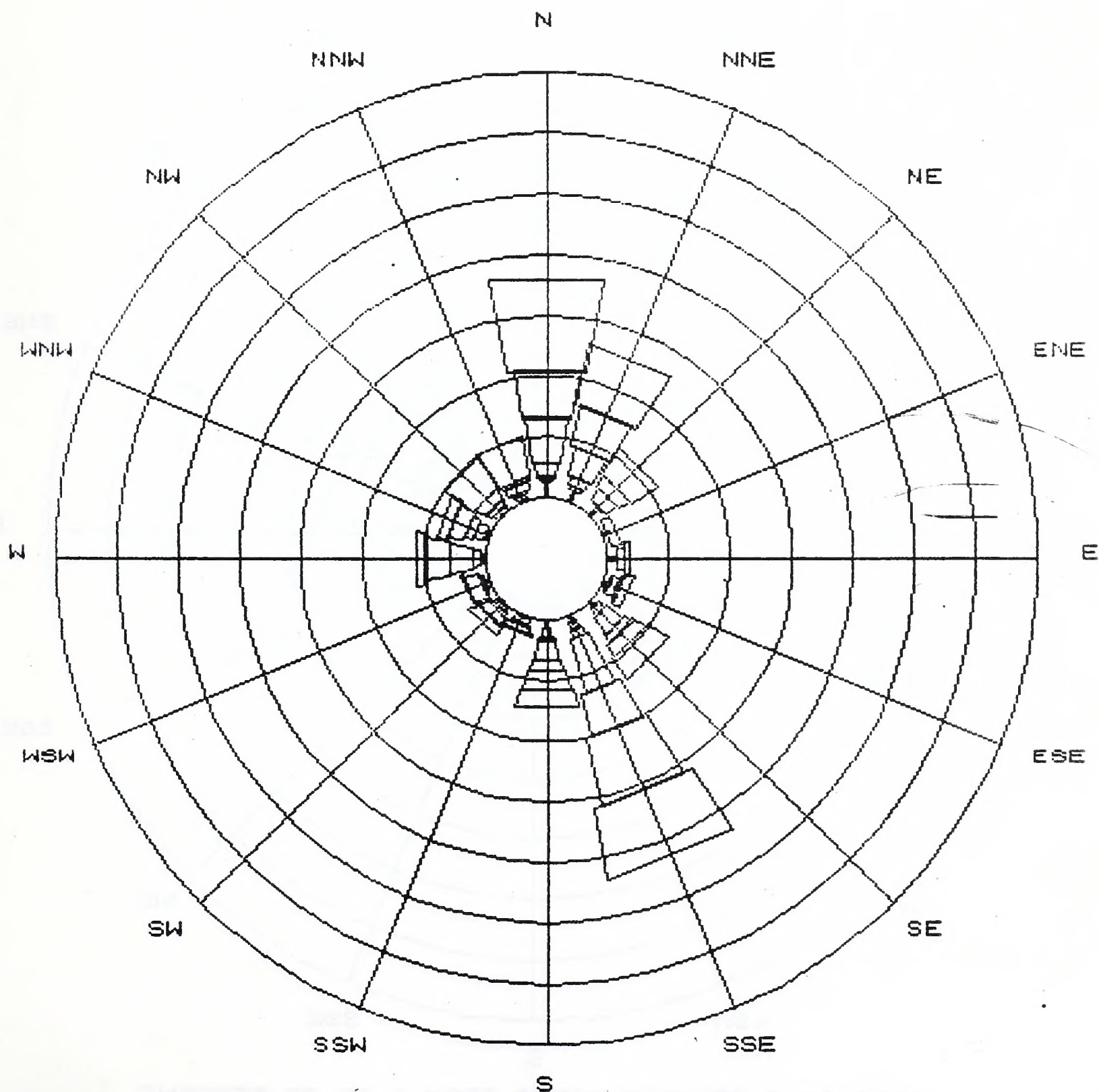
CALIFORNIA DESERT AIR WORKING GROUP

SITE* NWC - Coso Dr111

DATA IS FROM SEP 1978 THRU NOV 1978

VISUAL RANGE (KMS)

ABOVE 200.
150. TO 200.
100. TO 150.
75. TO 100.
50. TO 75.
25. TO 50.
UNDER 25.



ARCS IN 5 PERCENT STEPS FROM 0 TO 35 PERCENT

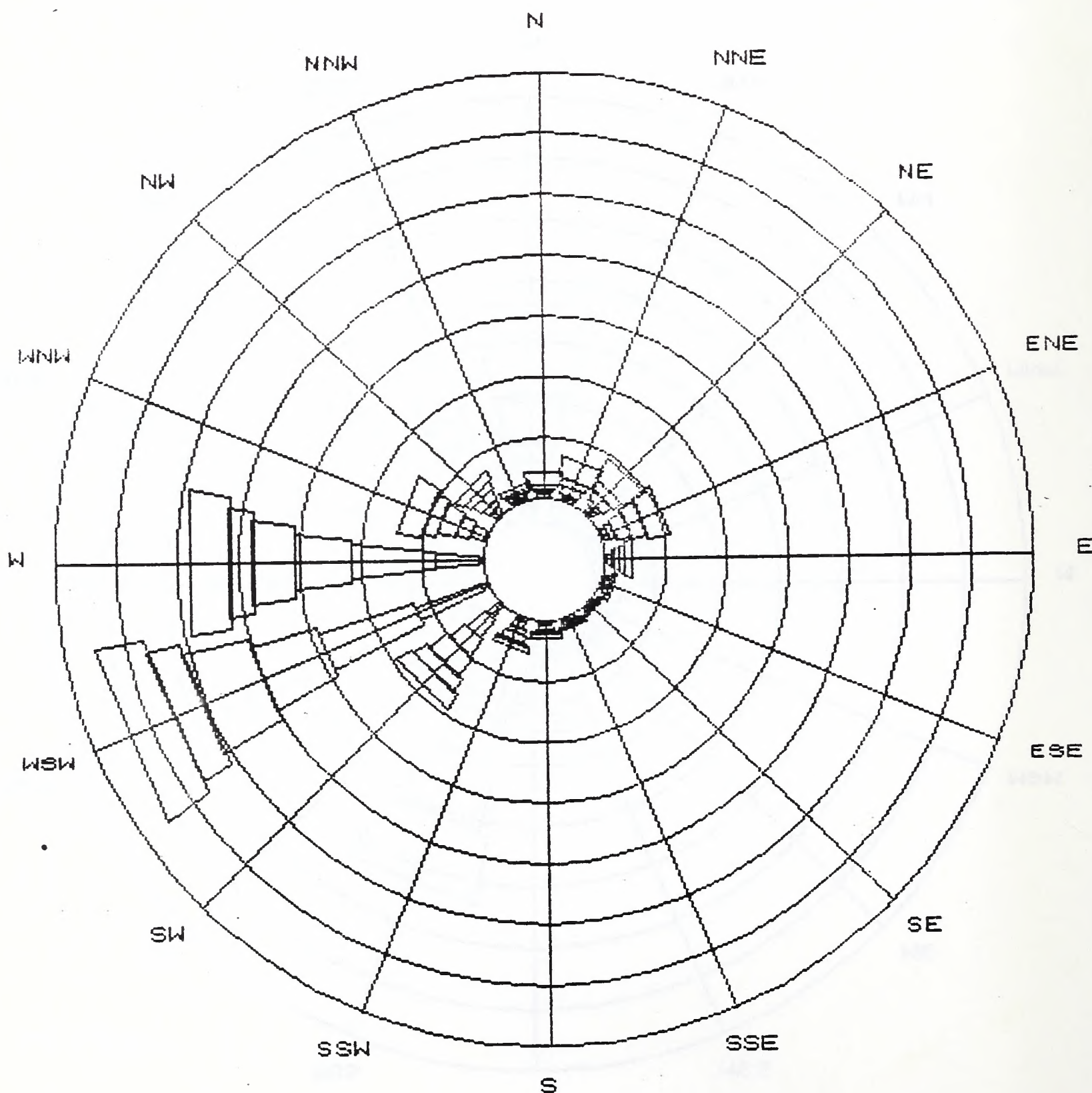
CALIFORNIA DESERT AIR WORKING GROUP

SITE: EPALV - Edwards AFB

DATA IS FROM JUL 1982 THRU JUL 1983

VISUAL RANGE (KMD)

ABOVE 200.
150. TO 200.
100. TO 150.
75. TO 100.
50. TO 75.
25. TO 50.
UNDER 25.



ARCS IN 5 PERCENT STEPS FROM 0 TO 35 PERCENT

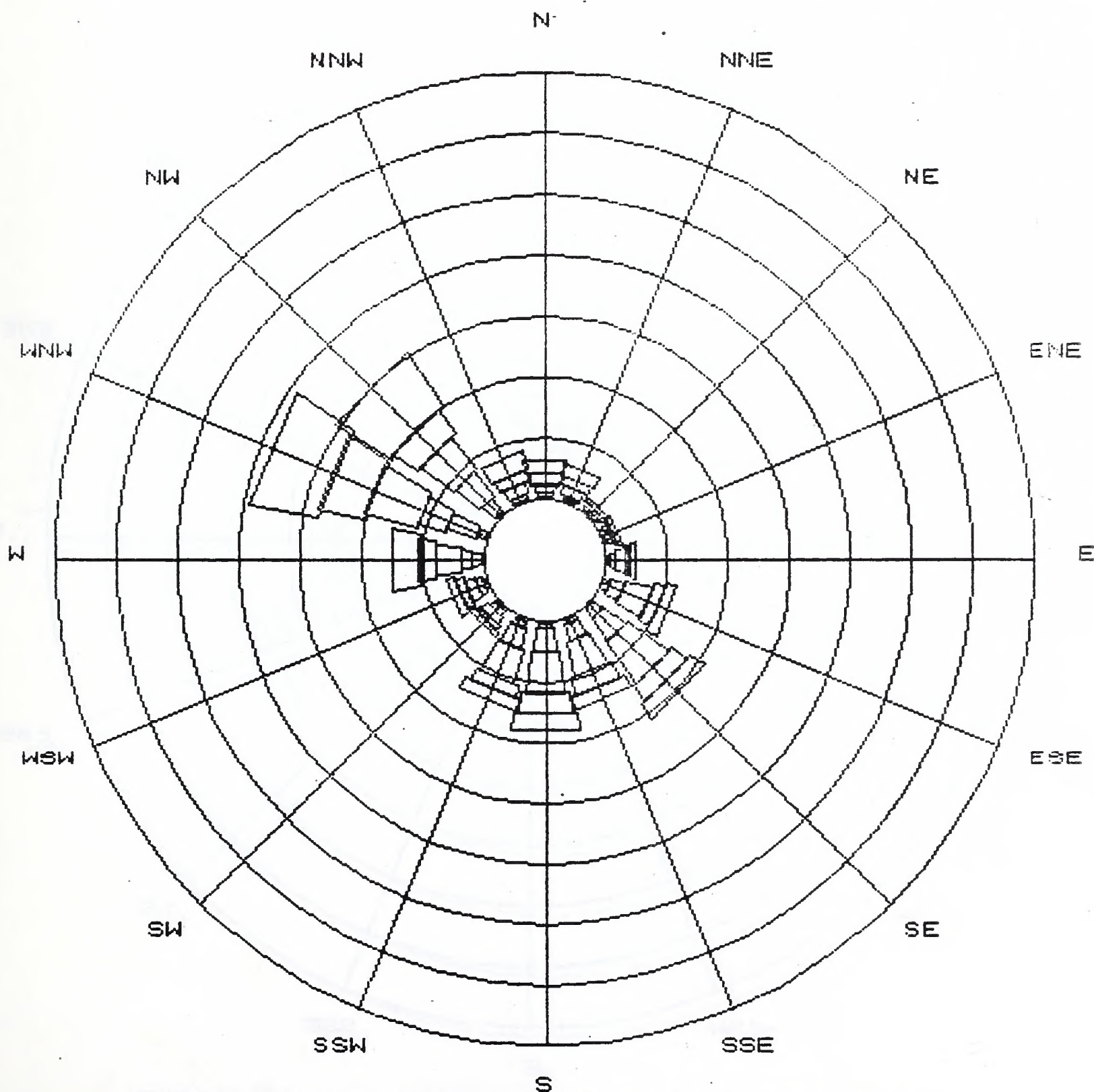
CALIFORNIA DESERT AIR WORKING GROUP

SITE* EPALV - Iron Mountain

DATA IS FROM JUN 1981 THRU MAY 1982

VISUAL RANGE (KM)

ABOVE 200.
150. TO 200.
100. TO 150.
75. TO 100.
50. TO 75.
25. TO 50.
UNDER 25.



ARCS IN 5 PERCENT STEPS FROM 0 TO 35 PERCENT

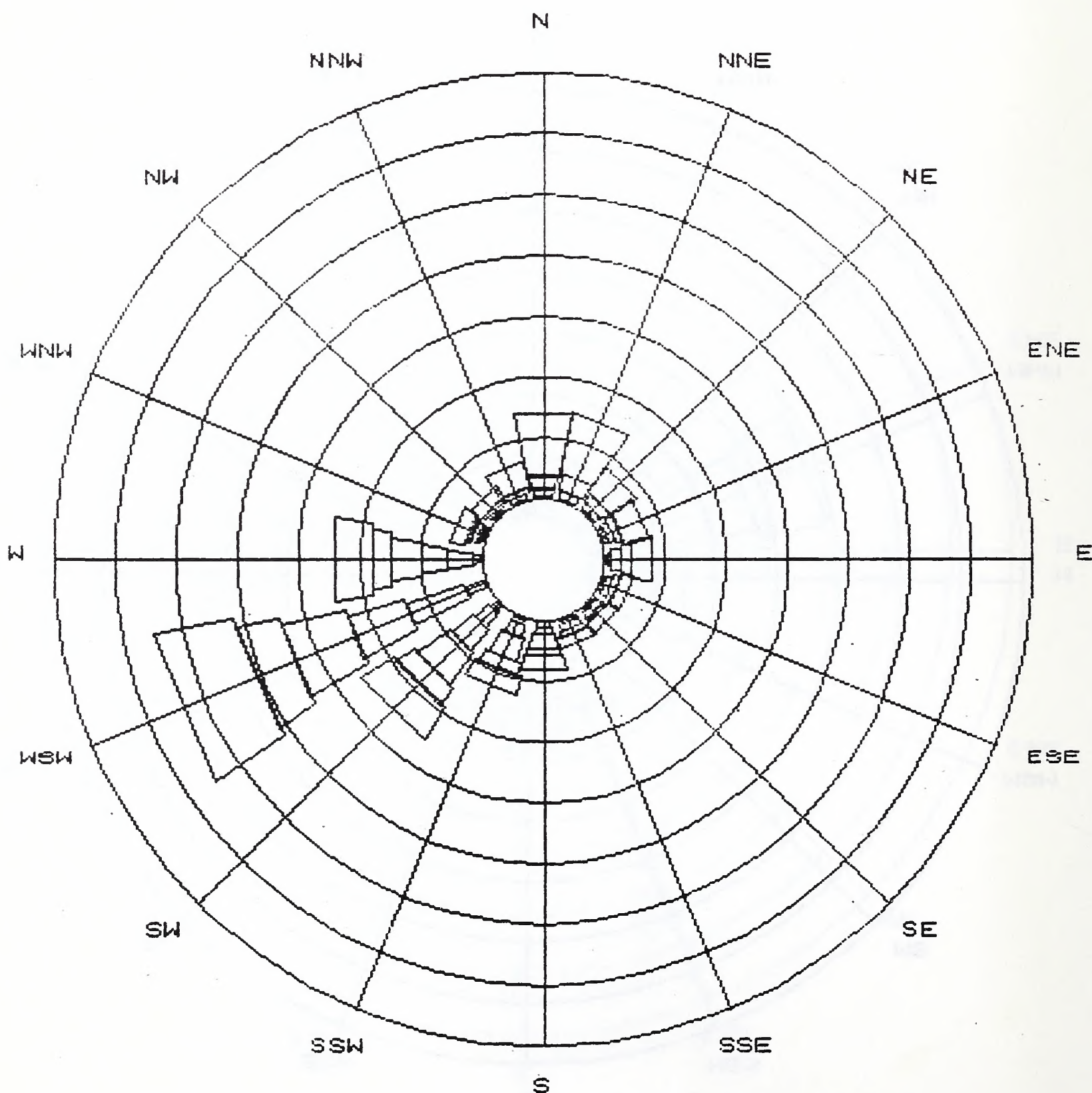
CALIFORNIA DESERT AIR WORKING GROUP

SITE* EPALV - Fort Irwin

DATA IS FROM SEP 1981 THRU JUL 1983

VISUAL RANGE (KM)

ABOVE 200.
150. TO 200.
100. TO 150.
75. TO 100.
50. TO 75.
25. TO 50.
UNDER 25.



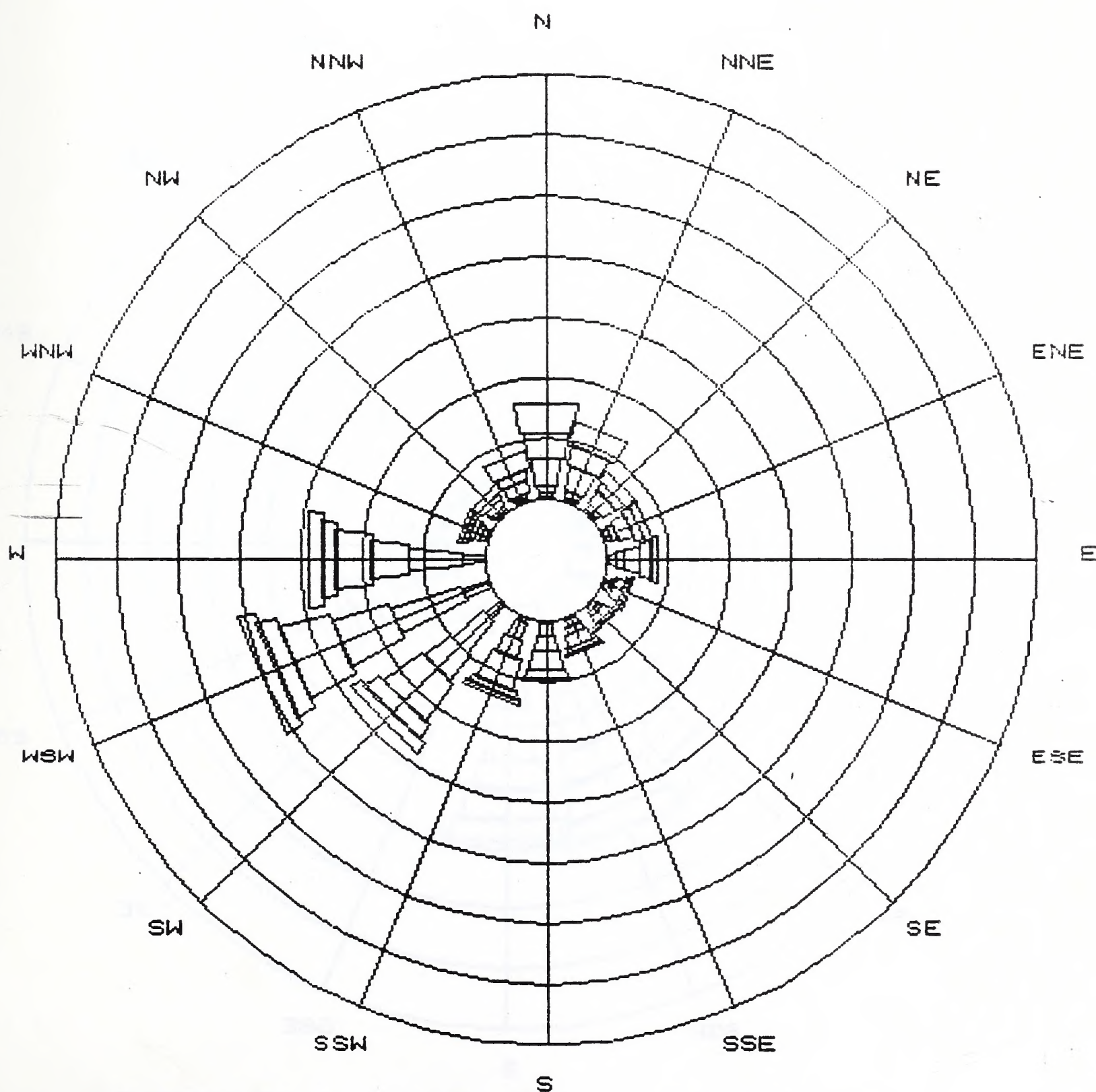
ARCS IN 5 PERCENT STEPS FROM 0 TO 35 PERCENT

CALIFORNIA DESERT AIR WORKING GROUP

SITE* ARMY - Fort Irwin

DATA IS FROM AUG 1980 THRU SEP 1981

VISUAL RANGE (KMS)
 ABOVE 200.
 150. TO 200.
 100. TO 150.
 75. TO 100.
 50. TO 75.
 25. TO 50.
 UNDER 25.



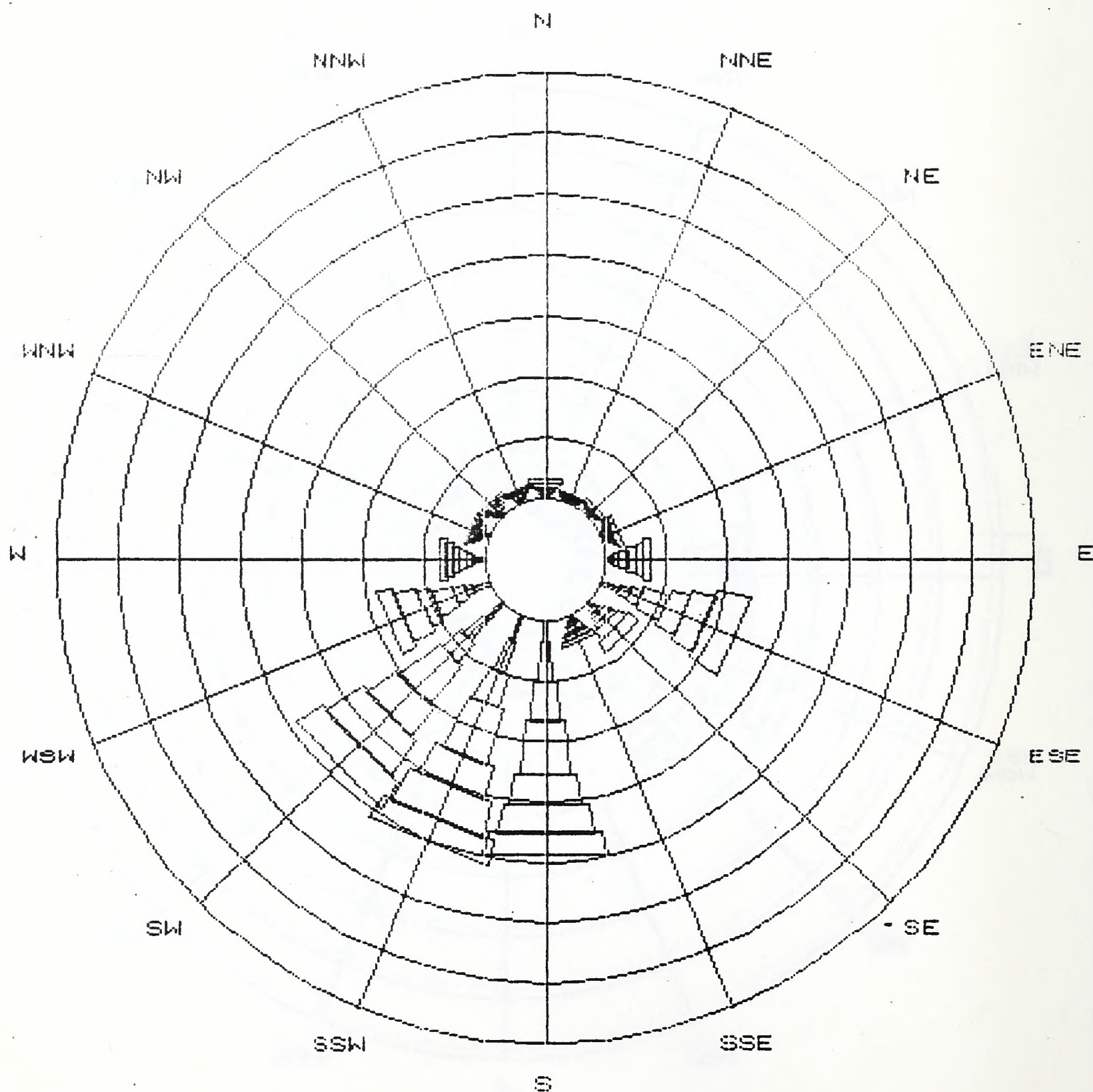
ARCS IN 5 PERCENT STEPS FROM 0 TO 35 PERCENT

CALIFORNIA DESERT AIR WORKING GROUP

VISIBILITY SITE: NWC - R1 (6 Range)

MET SITE: NWC - 106
DATA IS FROM AUG 1975 THRU APR 1978

VISIBLE RANGE (KM)	
ABOVE 200.	
150. TO 200.	
100. TO 150.	
75. TO 100.	
50. TO 75.	
25. TO 50.	
UNDER 25.	



ARCS IN 5 PERCENT STEPS FROM 0 TO 35 PERCENT

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